_ MOBILE RADIO

MAINTENANCE MANUAL

406—512 MHz, 75 WATT POWER AMPLIFIER ASSEMBLY 19D424888G9-12 & G26-29 (MOBILE & STATION) 19D424895G9-12 & G26-29 (CONTINUOUS DUTY STATION)

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DESCRIPTION

The PA assembly uses two amplifier modules to provide rated output power. The PA Driver module uses three RF power transistors to provide RF drive to the PA module. The Power Amplifier module consists of two paralleled RF Power Transistors connected by a transmission line splitter arrangement at the input and a combiner arrangement at the output. R213, located on the PA Driver module, is used to adjust the output power over a range of 20 Watts to rated output power. The power control circuit consists of R213, Q215, and Power Control IC (U201). Included in the PA assembly, is a Low Pass Filter/Antenna Switch module used to suppress undesired harmonic frequency components and provide antenna switching for the receiver and the transmitter.

SUPPLY VOLTAGE

Supply voltage for the PA is connected through power leads from the system board to feed through capacitors C297 and C298 on the bottom of the PA assembly (see Schematic Diagram). C297, C298, and C299 prevent RF from getting on the power leads. Diode CR295 will cause the main fuse assembly to blow if the polarity of the power leads is reversed, providing reverse voltage protection for the radio.

The PA assembly is insulated from vehicle ground to permit operation in positive or negative ground vehicles.

----NOTE---

In positive ground vehicles, A- is "hot" with respect to vehicle ground. Shorting the transmitter PA printed wiring board ground pattern to the radio case may cause one of the in-line fuses to blow.

Centralized metering jack J205 is provided for use with GE Test Set Model 4EX3All or Test Kit 4EX8Kl2. The Test Set meters the Ampl-1 drive (exciter output), power control voltage, driver current, PA current and PA voltage.

CIRCUIT ANALYSIS

RF POWER AMPLIFIER ASSEMBLY

The exciter output is coupled through a 50-ohm RF cable to the PA Drive module input jack J201. The 50-ohm RF input is coupled through a matching network comprised of C206, C207, C208 and W202 to the base of power amplifier Q201.

Part of the RF input is rectified by CR201 and metered at J205-4 through resistor R201. The rectified RF is also applied to the power control IC (U201).

Collector voltage for Q201 is applied direct from the DC power input through collector stabilizing network R205 and L202 and collector feed network L203 and C210.

The 500 milliwatts, 50-ohm output of Q201 is coupled to the base of a second power amplifier Q202 through a matching network consisting of T201, C214, C215, C216 and L204.

Collector voltage to Q202 is controlled by power control IC (U201), Q215 and R213 and is applied through a collector stabilizing network L206 and R206 and collector feed network L205 and C218.

The 6 Watt, 50-ohm output of Q202 is coupled to the base of Driver Amplifier Q203 through C219 and the matching network of T202, C222, C224, C225, and L207. The collector voltage to Q203 is coupled through collector stabilizing network L209 and R214 and collector feed network L208 and C228.

Collector current for Q203 is metered across tapped manganin resistor R212. The reading taken in position F on the 15-Volt scale with the High Sensitivity button pressed and read as 0-15 amperes full scale.

Following Driver amplifier Q203 is a 50-ohm matching network (C226, C227, C229, T203 and C259) that matches the 20-watt output of Q203 to the 50-ohm input of the PA module, through 50-ohm micro strip W204 and a 50-ohm cable W219.

On the PA module, the RF input is applied to the RF power splitter board. The RF power splitter consisting of micro strip transmission line W4205 and R4203, and has a 50-ohm input and output impedance. The outputs of the power splitter are applied to the two identical Class C power amplifiers (Q4205 and Q4206) through their respective identical matching networks.

Supply voltages for Q4205 and Q4206 are coupled through identical stabilizing networks and the collector feed networks. Supply voltage is measured in position G on the 15-volt range with the polarity switch in the (-) position (read as 15 volts full scale) The combined collector current for Q4205 and Q4206 is metered across paralleled tapped manganin resistors R210 and R211 located on the PA Driver module. The reading is taken in Position G in the Test 1 position on the 3-Volt scale with the "High" Sensitivity Button pressed, and read as 30 amperes full scale.

The outputs of Q4205 and Q4206 are coupled through identical matching networks to the RF power combiner board. The RF power combiner consists of micro strip transmission line W4206 and R4209, and has a 50-ohm input and output impedance. The combiner adds the outputs of Q4205 and Q4206, and applies the combined RF output to the Low Pass Filter/Antenna Switch module via W216. Capacitors C4243 through C4252 provide isolation for ± ground operation.

The input to the Low Pass Filter to the antenna switch K201 is coupled through the 50-ohm micro strip W4280. The output is applied to the antenna at J203.

-WARNING-

The RF Power Transistors used in the transmitter contain Beryllium Oxide, a TOXIC substance. If the ceramic, or other encapsulation is opened, crushed, broken or abraded, the dust may be hazardous if inhaled. Use care in replacing transistors of this type.

POWER CONTROL CIRCUIT

The Power Control Circuit, located on the PA Driver module, consists of CR201, Power Control IC (U201), RT201, Q215, and R213.

When the transmitter is keyed, rectified RF from CR201 is applied to Switch Q1 of Power Control IC (U201), turning it on (See Figure 1). Turning on Q1 turns on voltage regulator Q2, supplying a constant voltage via Pin 14 to Power Adjust potentiometer R213. R213 through Pin 12 connect to the base of Q5. Q5, Q6 and Q215 operate as an amplifier chain to supply voltage to the collector of Q201 (Ampl-2). The setting of R213 determines the voltage applied to the base of Q5. The higher the voltage at the base of Q5, the harder the amplifiers conduct, supplying more collector voltage to Q202. The lower the voltage at the base of Q5, the less collector voltage is supplied to Q202. Reducing the supply voltage to Q202 reduces the drive to Q203, thereby reducing the power output of the PA. The power output can be adjusted by R213 from 20 Watts to rated power output.

Temperature protection is provided by Q3, Q4 in IC U201 and thermistor RT201 which is mounted on the PA heatsink. Under normal operating conditions, the circuit is inactive (Q3 is on and Q4 is off). When the heatsink temperature reaches approximately 115°C the resistance of RT201 decreases. This increases the base voltage applied to Q3, turning it off. Turning off Q3 allows Q4 to turn on, decreasing the voltage at Power Adjust potentiometer R213. This reduces the base voltage to Q5 which causes Q6 and Q215 to conduct less, reducing the collector voltage to Q202 (Ampl-2). This reduces the transmitter output power, keeping the heatsink at a maximum of approximately 115°C. When the heatsink temperature decreases below 115°C, the temperature control circuit turns off, allowing the normal transmitter power output.

MOBILE RADIO DEPARTMENT
GENERAL ELECTRIC COMPANY • LYNCHBURG, VIRGINIA 24502



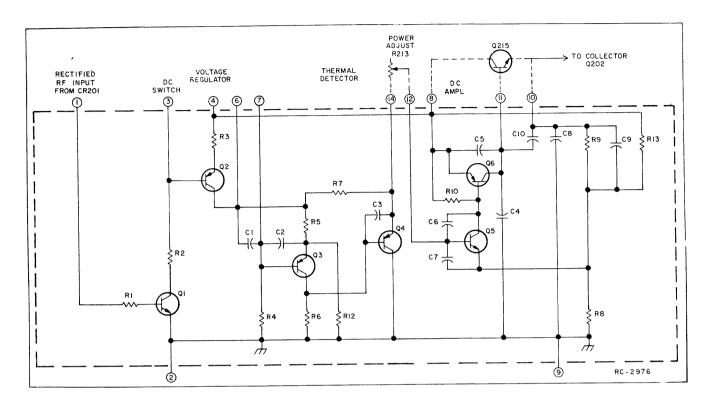


Figure 1 - Power Control IC - U201

20W PWR. AMPL-

Q203/

£202

CAUTION

BLACK-CR295 RED+ C297

BOTTOM VIEW

Q202

HEAT SINK

W4216 (+) O

75 W MODULE

- RUNS ON SOLDER SIDE

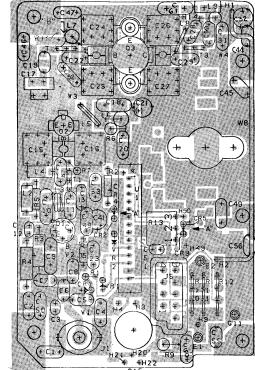
RUNS ON COMPONENT SIDE

RUNS ON BOTH SIDES

(19D424205, Rev. 2)

TOP VIEW

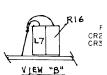
20 WATT MODULE



NOTES.

I PARTIAL REFERENCE DESIGNATIONS
ARE SHOWN.FOR COMPLETE
DESIGNATION. PREFIX WITH 200
SERIES.EXAMPLE:
03:0203,RI5:R2I5,C47:C247,ETC.
2.C9 USED IN GROUP! ONLY. DA JUMPER
IN C9 MTG. HOLES FOR GROUPS 2 3 R 4

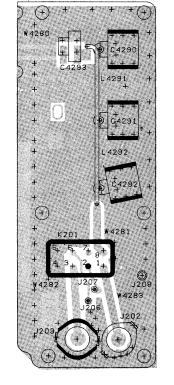
(+C1+)



(19C327344, Rev. 9) (19B226633, Sh. 1, Rev. 4) (19B226633, Sh. 2, Rev. 2)

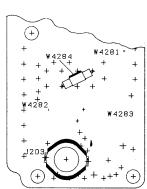
I. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN,
FOR COMPLETE DESIGNATION PREFIX WITH EXAMPLE: Q5=Q4205; C45=C4245; R3=R4203 ETC.

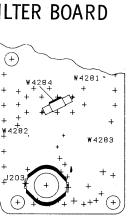
MOBILE & STATION FILTER BOARD

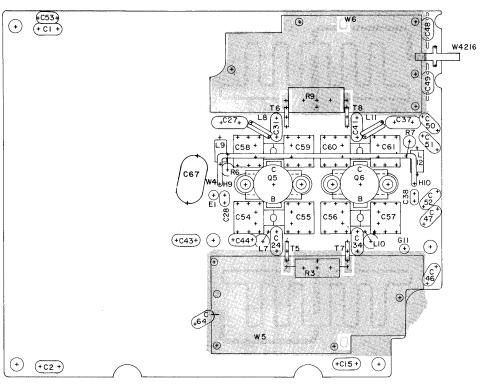


(19C327643, Rev. 1) (19B227265, Sh. 1, Rev. 1) (19B227265, Sh. 2, Rev. 0)

DUPLEX STATION FILTER BOARD







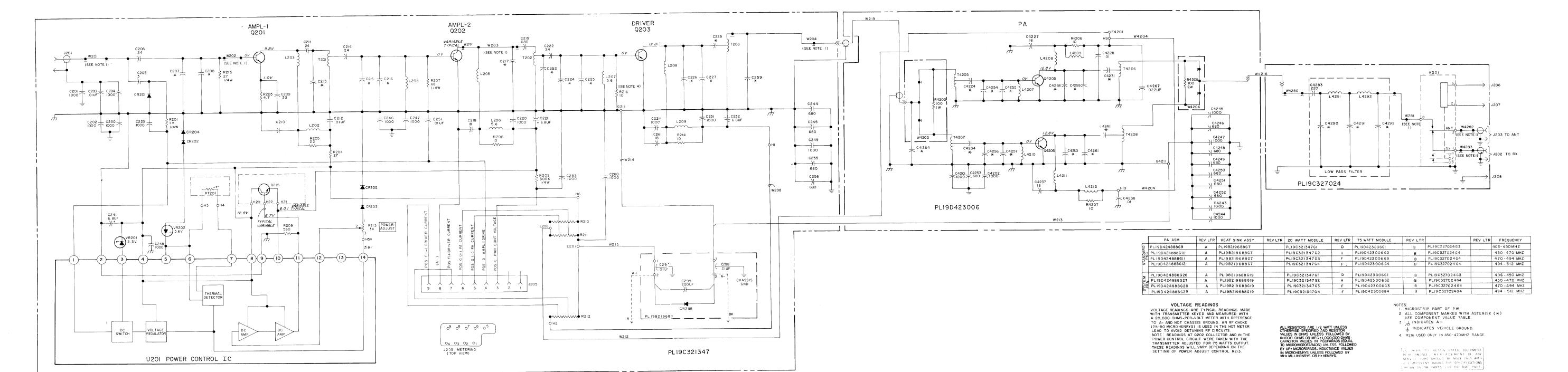
I. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN, 4200 SERIES. EXAMPLE: Q5=Q4205; C45=C4245; R3= R4203 ETC.

OUTLINE DIAGRAM

75 WATT UHF MOBILE & INTERMITTENT DUTY STATION POWER AMPLIFIER

Issue 4

75 WATT MODULE



COMP | 1DENT. | 406-425 | 450-470 | 470-494 | 494-512 | MHZ | MHZ

(19R622152, Rev. 26)

SCHEMATIC DIAGRAM

75 WATT UHF MOBILE & INTERMITTENT DUTY STATION POWER AMPLIFIER

PARTS LIST

LB130210C

SYMB0L	GE PART NO.	DESCRIPTION
Q215	19A116742P1	Silicon, NPN.
RT201	19A129379Gl	Thermistor: 40,000 ohms ±20%, color code white sim to Carborundum Type M0806J-5.
W212	19A130486G1	Jumper.
W213	19B227092P1	Jumper.
W214	19B226725G1	Jumper.
W215	19B227074G1	Jumper.
W219	19A130552G3	Cable, RF: approx 4-3/4 inches long.
		20 WATT MODULE 19C321347G1 406-450 MHz (LL) 19C321347G2 450-470 MHz (L) 19C321347G3 470-494 MHz (M) 19C321347G4 494-512 MHz (H)
C201 and C202	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.
C203	19A116192P1	Ceramic: 0.01 μ f $\pm 20\%$, 50 VDCW; sim to Erie 81 SPECIAL.
C204	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.
C205	19A116656P3J0	Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coe 0 PPM.
C206*	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.
		In REV B & earlier in Gl, In REV D & earlier in G2-G4:
	19A116655P18	Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.
C207LL	19A116656P8J0	Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coe
C207L*	19A116656P9J0	O PPM. Ceramic disc: 9 pf ±0.5 pf, 500 VDCW, temp coe
02012		O PPM.
		In REV E & earlier:
	19A116656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coe 0 PPM.
C207M*	19A116656P7J0	Ceramic disc: 7 pf ±0.5 pf, 500 VDCw, temp coe 0 PPM.
		In REV E & earlier:
	19A116656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coe 0 PPM.
С207Н	19A116656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coe 0 PPM.
C208LL	19A116656P8J0	Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coe 0 PPM.
C208L*	19A116656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp cod 0 ppm. Deleted by REV F.
C208M*	19Al16656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coe
C208H*	19A116656P6J0	O ppm. Deleted by REV F. Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp cod
C209*	19A116656P33J0	0 ppm. Deleted by REV F. Ceramic disc: 33 pf ±5%, 500 VDCw, temp coef
C209LL*	7489162P15	O PPM. Added by REV F. Silver mica: 33 pf ±5%, 500 VDCW; sim to Elec Motive Type DM-15. Added by REV A. Deleted by
C209L	7489162Pll	REV D. Silver mica: 22 pf ±5%, 500 VDCw; sim to Elec Motive Type DM-15. Deleted by REV D.

	SYMBOL	GE PART NO.	DESCRIPTION	SYMBOL	GE PART NO.	DESCRIPTION	SYMBOL	GE PART NO.	DESCRIPTION DESCRIPTION	SYMBOL	GE PART NO.	DESCRIPTION	SYN
	C209M*	7489162P11	Silver mica: 22 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15. Deleted by REV D,	C227LL	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.				W207		(Part of printed board 19D423005Pl).	
	С209Н	7489162P13	Silver mica: 27 pf ±5%, 500 vDCW; sim to Electro	C227L	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.	L202	19A129773G1	Coil.	W208	19B226733G2	Jumper.	C4
			Motive Type DM-15. Deleted by REV D.	C227M	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.	L203	19A129774P1	Coil.			75 WATT MODULE 19D423006G1 406-425 MHz (LL)	C4
	C210LL	7489162P13	Silver mica: 27 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15.	С227Н	19A116952P35	Metallized teflon: 35 pf ±2%, 250 VDCW.	L204	19A129773G1	Coil.			19D424006G9 425-450 MHz (LL) 19D423006G2 450-470 MHz (L)	C.
7	C210L	7489162P9	Silver mica: 18 pf ±5%, 500 VDCW; sim to Electro	C228	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCw; sim to	L205	19B219457P6	Coil.			19D423006G3 470-494 MHz (M) 19D423006G4 494-512 MHz (H)	c.
	C210M	7489162P9	Motive Type DM-15. Silver mica: 18 pf ±5%, 500 VDCW; sim to Electro	C229LL	19A116656P33J0	RMC Type JF Discap. Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef	L206	7488079P40	Choke, RF: 5.60 μ h $\pm 10\%$, 0.15 ohms DC res max; sim to Jeffers 4422-1K.				C.
1	022011		Motive Type DM-15.			О РРМ.	L207	7488079P13	Choke, RF: 5.60 µh ±10%, 0.30 ohms DC res max; sim to Jeffers 4421-4K.	C4201	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to	C
	C210H	7489162P9	Silver mica: 18 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15.	C229L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	L208LL	19B219457P6	Coil.	and C4202		RMC Type JF Discap.	C.
	C211LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef	C229M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	L208L	19A130650P1	Coil.	C4224LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef	C
	C211L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef	С229Н	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCw, temp coef	L208M	19A130650P1	Coil.	C4224L	19A116656P24J0	O PPM.	C C
	02112	10.1110000111100	O PPM.			О РРМ.	L208H	19A130650P1	Coil.	(42241)	19411003022430	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	
	C211M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	C231	19A116655P20	Ceramic disc: 1000 pf $\pm 10\%$, 1000 VDCW; sim to RMC Type JF Discap.	L209	19A129773G1	Coil.	C4224M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	C
	C211H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef	C232	19A134202P15	Tantalum: 6.8 μf ±20%, 35 VDCW.				C4224H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef	C
	C212	19A116192P1	0 PPM. Ceramic: 0.01 μ f $\pm 20\%$, 50 VDCW; sim to Erie	C241	19A134202P15	Tantalum: 6.8 µf ±20%, 6 VDCW.	Q201	19A134237Pl	Silicon, NPN.			0 PPM.	С
	CZIZ	13411013271	8121 SPECIAL.	C244 and	19A116655P18	Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	Q202	19A134164P2	Silicon, NPN; sim to Type 2N5945.	C4227	7489162P9	Silver mica: 18 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15.	С
	C213LL*	19A116656P5J0	Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	C245		·	Q203LL	19A134171P4	Silicon, NPN.	C4228	19A116192P1	Ceramic: 0.01 µf ±20%, 50 VDCW; sim to Erie 8121 SPECIAL.	C-
		!	In REV A and earlier:	C246 thru	19Al16655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	Q203L*	19A134239P2	Silicon, NPN.	C4231LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef	C
		19A116656P4J0	Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	C250 C251	19A116192P1	Ceramic: 0.01 µf ±20%, 50 VDCW; sim to Erie		10410400071	In REV A & earlier:			0 PPM.	C
	C214LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef0 PPM.	C201	15411015251	8121 SPECIAL.	00000	19A134239P1 19A134239P2	Silicon, NPN. Silicon, NPN.	C4231L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	C
	C214Lb	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef OPPM.	C252LL	19A116656P8J0	Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	Q203M*	19813423992	In REV A & earlier:	C4231M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	C
	C214M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM	C252L*	19A116656P5J0	Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef		19A134239P1	Silicon, NPN.	C4231H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef	
	C214H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef0 PPM	905 0W#	1041122520440	O PPM. Added by REV C.	Q203H*	19A134239P2	Silicon, NPN.	0120111		O PPM.	C
	C215LL	19A116952P47	Metallized teflon: 47 pf $\pm 2\%$, 250 VDCW.	C252M*	19A116656P4J0	Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C.		<u> </u>	In REV A & earlier:	C4234LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM.	с
	C215L	19A116952P47	Metallized teflon: 47 pf $\pm 2\%$, 250 VDCW.	C252H*	19A116656P3J0	Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C.		19A134239P1	Silicon, NPN.	C4234L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef	
	C215M	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.	C253	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to			RESISTORS	C4234M	19A116656P24J0	O PPM. Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef	"
	C215H	19A116952P43	Metallized teflon: 43 pf $\pm 2\%$, 250 VDCW.			RMC Type JF Discap.	R201	3R152P102J	Composition: 1K ohms ±5%, 1/4 w.	C4234M	15/11003072400	0 PPM.	С
	C216LL	19A116952P51	Metallized teflon: 51 pf ±2%, 250 VDCW.	C255 and	19A116655P18	Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	R202	3R152P304J	Composition: 300K ohms ±5%, 1/4 w.	C4234H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	C
	C216L	19A116952P43 19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW. Metallized teflon: 43 pf ±2%, 250 VDCW.	C256 C258L*	19Al16656P3J0	Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef	R203*	7147161P13	Composition: 4.7 ohms ±5%, 1/2 w. Deleted in	C4237	7489162P9	Silver mica: 18 pf ±5%, 500 VDCW; sim to	
	C216M C216H	19A116952P39	Metallized tellon: 39 pf ±2%, 250 VDCW.	CZOCE	15/11/00/07/00	0 PPM. Deleted by REV C.			G2-G4 by REV D. Added to G1 by REV A. Added to G2-G4 by REV F.	64000	10.11.61.0001	Electro Motive Type DM-15.	E
	C217LL	19A116679P18D	Metallized teflon: 18 pf ±.5 pf, 250 VDCW.	C259LL	19All6656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	R204*	3R77P270J	Composition: 27 ohms $\pm 5\%$, $1/2$ w.	C4238	19A116192P1	Ceramic: 0.01 μ f $\pm 20\%$, 50 VDCW; sim to Erie 8121 SPECIAL.	G
	C217L	19A116679P16D	Metallized teflon: 16 pf ±.5 pf, 250 VDCW.	C259L	19A116656P4J0	Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef			Earlier than REV A in Gl, in REV C & earlier in G2-G4:	C4241LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM.	
	C217M	19A116679P15D	Metallized teflon: 15 pf ±.5 pf, 250 VDCW.	COSON	19A116656P4J0	O PPM. Ceramic disc: 4 pf ±0.5 pf, 500 VDCw, temp coef		3R77P220J	Composition: 22 ohms ±5%, 1/2 w.	C4241L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef	
	С217Н	19A116679P13D	Metallized teflon: 13 pf ±.5 pf, 250 VDCW.	C259M	19A110030.P430	0 PPM.	R205	3R152P220J	Composition: 22 ohms ±5%, 1/4 w.			0 PPM.	1
	C218	7489162P9	Silver mica: 18 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15.	С259Н	19A134100P20	Ceramic disc: 2.2 pf ±0.1 pf, 100 VDCW; temp coef 0 ±120 PPM/°C.	R206	3R77P100J	Composition: 10 ohms $\pm 5\%$, $1/2$ w.	C4241M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	,
	C219	19Al16655Pl8	Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to	C260	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to	R207	3R152P680J	Composition: 68 ohms ±5%, 1/4 w.	C4241H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	L
			RMC Type JF Discap.			RMC Type JF Discap.	R209	3R77P561J	Composition: 560 ohms $\pm 5\%$, $1/4$ w.	C4243	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to	L
	C220	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C261	7489162P9	Silver mica: 18 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15.	R210 thru	19C320212P1	Shunt resistor.	thru C4245		RMC Type JF Discap.	11
	C221	19A134202P15	Tantalum: 6.8 µf ±20%, 35 VDCW.	C262*	19A116114P2044	Ceramic: 27 pf ±5%, 100 VDCw; temp coef -80 PPM. Added to G2 by REV G. Deleted in G2 by REV H.	R212	19A116559P102	Variable, cermet: $5K$ ohms $\pm 20\%$, .5 w; sim to	C4246	19A116655P18	Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to	
	C222LL	19A116656P33J0	Ceramic disc: 33 pf $\pm 5\%$, 500 VDCW, temp coef 0 PPM.			·	R213	1941165599102	CTS Series 360.	04047	19A116655P20	RMC Type JF Discap. Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to	'
\prod	C222L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.			DIODES AND RECTIFIERS	R214	3R77P100J	Composition: 10 ohms ±5%, 1/2 w.	C4247	19A116655P20	RMC Type JF Discap.	
	C222M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM	CR201	19A116052P1	Silicon, hot carrier: Fwd. drop .350 volts max.	R215	3R152P270J	Composition: 27 ohms ±5%, 1/4 w.	C4248 thru	19A116655P18	Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	Q
	С222Н	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to	CR202 and CR203	19A115250P1	Silicon, fast recovery, 225 mA, 50 PIV.	R216*	3R77P100J	Composition: 10 ohms ±5%, 1/2 w. Added to G2 by REV G. Deleted in G2 by REV H.	C4253			9
	C223	19A116655P20	RMC Type JF Discap.	CR204*	19A115250P1	Silicon, fast recovery, 225 mA, 50 PIV. Added by			TRANSFORMERS	C4254LL	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.	11.
	C224LL	19A116952P41	Metallized teflon: 41 pf ±2%, 250 VDCW.	and CR205*		REV A.	T201	19A130446G1	Coil.	C4254L	19A116952P33 19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW. Metallized teflon: 33 pf ±2%, 250 VDCW.	
	C224L	19A116952P35	Metallized teflon: 35 pf ±2%, 250 VDCW.	•			thru T203	1		C4254M C4254H	19A116952P32	Metallized teflon: 32 pf ±2%, 250 VDCW.	a
	C224M	19A116952P35	Metallized teflon: 35 pf ±2%, 250 VDCW.	E201	19A134263P1	Contact, electrical: sim to Selectro 229-1082-00-0-590.				C4254II		Metallized teflon: 43 pf ±2%, 250 VDCW.	l F
	C224H	19A116952P32	Metallized teflon: 32 pf ±2%, 250 VDCW. Metallized teflon: 43 pf ±2%, 250 VDCW.	and E202			U201	19D423127G1	Power Control.	C4255L	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.	
	C225LL C225L	19A116952P43 19A116952P35	Metallized tellon: 43 pf ±2%, 250 VDCW.	G211	19A134263P1	Contact, electrical: sim to Selectro 229-1082-00-0-590.				C4255M	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.	
	C225L C225M	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.				VR201	4036887P1	Zener: 500 mw, 2.3 v. nominal.	C4255H	19A116952P28	Metallized teflon: 28 pf $\pm 2\%$, 250 VDCW.	
	C225H	19A116952P32	Metallized teflon: 32 pf ±2%, 250 VDCW.		101102221	JACKS AND RECEPTACLES	VR201	4036887P5	Zener: 500 mw, 5.4 v. nominal.				
	C226LL	19A116952P47	Metallized teflon: 47 pf ±2%, 250 VDCW.	J201	19A130924G1	Connector, receptacle: coaxial, jack type; sim to Cinch 14H11613.							
	C226L	19A116952P43	Metallized teflon: 43 pf $\pm 2\%$, 250 VDCW.	J205	19B219374G1	Connector: 9 contacts.		1					
	C226M	19All6952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.				W201 thru	1	(Part of printed board 19D423005Pl).				
IJ S.	C226H	19A116952P35	Metallized teflon: 35 pf $\pm 2\%$, 250 VDCW.	L	L		W205	I			L		, F

SYMBOL	GE PART NO.	DESCRIPTION	SYMBOL	GE PART NO.	DESCRIPTION	SYMBOL	GE PART NO.	DESCRIPTION
C4256LL	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.						
C4256L C4256M	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW. Metallized teflon: 33 pf ±2%, 250 VDCW.	W4201 and W4202		(Part of printed board 19C321425G1).	K201	19A116722P1	Hermetic sealed: 125 ohms ±20%, 1 form C contact, 9.6 to 15.8 VDC (over the temp range indicated). (Includes J206 and J207).
C4256H	19A116952P32	Metallized teflon: 32 pf ±2%, 250 VDCW.	W4204	19B226708G1	Jumper.			GARYER
C4257LL	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.	W4216	19A130479P1	Strap.	W4280		(Part of printed board 19D423111P1).
C4257L	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.			LOW PASS FILTER .	thru W4283		(Part of printed board 19992511171).
C4257M	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.			19C327024G3 406-450 MHz (LL) 19C327024G4 450-512 MHz (H)	11200	:	
C4257H	19A116952P28	Metallized teflon: 28 pf ±2%, 250 VDCW.			(Added to 19D424888 by REV A)			HEAT SINK 19B219688G7 ("M" SERIES)
C4258LL	19A116952P47	Metallized teflon: 47 pf ±2%, 250 VDCW.						19B219688G19 ("E" SERIES)
C4258L	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.	C4290LL	19A116952P10	Metallized teflon: 10 pf ±0.5 pf, 250 VDCW.			
C4258M	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.	С4290Н	19A116952P9	Metallized teflon: 9 pf ±0.5 pf, 250 VDCW.	C297 and	19A116708P1	Ceramic, feed-thru: 0.01 µf +100% -0%; sim to Erie Style 327050X5W0103P.
C4258H C4259LL	19A116952P32 19A116952P47	Metallized teflon: 32 pf ±2%, 250 VDCW. Metallized teflon: 47 pf ±2%, 250 VDCW.	C4291LL	19A116952P20	Metallized teflon: 20 pf ±0.5 pf, 250 VDCW.	C298		mic style surveys and
C4259LL C4259L	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.	C4291H	19A116952P18	Metallized teflon: 18 pf ±0.5 pf, 250 VDCW.	C299	19A115680P10	Electrolytic: 200 µf +150% -10%, 18 VDCW; sim to Mallory Type TTX.
C4259M	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.	C4292LL	19Al16952P13	Metallized teflon: 13 pf ±0.5 pf, 250 VDCW.			
С4259Н	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.	C4292H	19A116952P12	Metallized teflon: 12 pf ±0.5 pf, 250 VDCW.			DIODES AND RECTIFIERS
C4260LL	19A116952P47	Metallized teflon: 47 pf ±2%, 250 VDCW.	C4293	19A116679P220J	Silver mica: 220 pf ±5%, 250 VDCW.	CR295	19A116783P1	Silicon.
C4260L	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.			INDUCTORS			MISCELLANEOUS
C4260M	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.	L4291LL	19B226709G2	Jumper. (Includes L4292LL).		5492178P2	Washer, spring tension: sim to Wallace Barnes 375-20. (Used with Q202).
С4260Н	19A116952P32	Metallized teflon: 32 pf ±2%, 250 VDCW.	L4291H	19B226709G1	Jumper. (Includes L4292H).		19A130465P1	Spacer. (Used with Q202).
C4261LL	19A116952P47	Metallized teflon: 47 pf $\pm 2\%$, 250 VDCW.	L4292LL		(Part of L4291LL).		N207P15C6	Nut, hex: No. 8-32. (Used with Q202).
C4261L	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.	L4292H		(Part of L4291H).		N44P9010C6	Screw, machine: No. 4-40 x 5/8. (Used with
C4261M	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.			JACKS AND RECEPTACLES	İ		Q203, Q4205, Q4206).
C4261H	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.	J202	19A130924G1	Connector, receptacle: coaxial, jack type;		19A134016P1	Insulator, bushing. (Used with Q215). Insulator, plate. (Used with Q215).
C4264LL	19A116656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	and J203		sim to Cinch 14H11613.		19A116023P1 19B201074P320	Tap screw, Phillips POZIDRIV®: No. 6-32 x 1-1/4.
C4264L	19All6656P5J0	Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	J206 and J207	19A134263P2	Contact, electrical: sim to Selectro 229-1071.		19B201074P320	(Secures Mobile Filter Assembly). Tap screw. Phillips POZIDRIV®: No. 6-32 x 3/8.
C4264M	19A134100P19	Ceramic disc: 1 pf ±0.1 pf, 100 VDCW.	J208	4033513P4	Contact, electrical: sim to Bead Chain L93-3.	1		(Secures Filter Board in Mobile and at jumper between 75 Watt Module and Filter Board).
C4267*	19A116080P109	Polyester: 0.22 µf ±10%, 50 VDCW. Added by REV A			DELAYO		19C321442P1	Insulator. (Located under 75 Watt Module).
			K201	19B20955%P1	Hermetic sealed: 180 to 341 ohms coil res,		19C321441Pl	Insulator. (Located under 20 Watt Module).
E4201	19A134263P1	Contact, electrical: sim to Selectro 229-1082-00-0-590.	K201	19820933%P1	2 form C contacts, 8.0 to 16.3 VDC; sim to GE 3SAV1760A2.		19B209502P1	Terminal, stud. (Located at C4280-C4282).
G4211	19A134263P1	Contact, electrical: sim to Selectro 229-1082-					4036555Pl	Insulator, washer: nylon. (Used with Q201).
04244	10.110120012	00-0-590.					N80P9006C6	Machine screw: No. 4-40 x 3/8. (Secures Q215 in Mobile).
			W4280 thru		(Part of printed board 19D424367P1).		7141225P2	Hex nut: No. 4-40. (Secures Q215).
L4207	7488079P13	Choke, RF: 5.60 μh $\pm 10\%$, 0.30 ohms DC res max; sim to Jeffers $4421{\text -}4K$.	W4283		LOW PASS FILTER MODULE		N402P35C6 N80P13010C6	Washer, steel: No. 4. (Secures Q215). Machine screw: No. 6-32 x 5/8. (Secures Mobile
L4208	19A130447G2	Coil.		1	19C321424G4 (Deleted from 19D424888 by REV A)		NOOPISCICCO	20 Watt Module).
L4209	19A129773G1	Coil.			()		19A129434Pl	Washer, fiber. (Located on terminals of C297 & C298).
L4210	7488079P13	Choke, RF: 5.60 µh ±10%, 0.30 ohms DC res max; sim to Jeffers 4421-4K.					19D416732G7	Heat sink. ("M" SERIES).
L4211	19A130447G1	Coil.	C4280H	19A116952P9	Metallized teflon: 9 pf ±0.5 pf, 250 VDCW.		19D417105G7	Heat sink. ("E" SERIES).
L4212	19A129773G1	Coil.	C4281H	19A116952P18	Metallized teflon: 18 pf ±0.5 pf, 250 VDCW. Metallized teflon: 12 pf ±0.5 pf, 250 VDCW.		19A129639P1	Cover. ("E" SERIES).
		TRANSISTORS	C4282H	19A116952P12 19A116679P220J	Metallized tellon: 12 pl 10.3 pl, 250 vbcw. Silver mica: 220 pf ±5%, 250 vbcw.	-]		
0.4005	19A134243P1	Silicon, NPN.	C4283H	19411007572203	Bilver mice. 250 pr Low, 250 180%.			
Q4205 and Q4206	19413424321	Silicon, New.				j		
Q4200		RESISTORS	L4281 and	19B226709G1	Jumper.			
R4203	3R78P101J	Composition: 100 ohms ±5%, 1 w.	L4282		AND ADDROVED BY			
R4206	3R77P100J	Composition: 10 ohms ±5%, 1/2 w.			JACKS AND RECEPTACLES			
and R4207			J202 and	19A130924G1	Connector, receptacle: coaxial, jack type; sim to Cinch 14H11613.			
R4209*	3R79P101J	Composition: 100 ohms ±5%, 2 w.	J203 J206		(Part of K201).			
		In REV A & earlier:	and J207		(late of meet)			
	3R78P101J	Composition: 100 ohms ±5%, 1 w.	J208	4033513P4	Contact, electrical: sim to Bead Chain L93-3.		1	
		TRANSFORMERS						
T4205	19A130446G1	Coil.		,				
thru T4208								
			Ì					
	1			1 '		<u> </u>	<u> </u>	L

PRODUCTION CHANGES

Changes in the equipment to improve performance or to simplify circuits are identified by a "Revision Letter", which is stamped after the model number of the unit. The revision stamped on the unit includes all previous revisions. Refer to the Parts List for descriptions of parts affected by these revisions.

REV. A - Power Amplifier Assembly 19D424888G9-G13 and G26-G30

To incorporate new low pass filter. Deleted 19C321424. Added 19C327024.

REV. A - 20-Watt Module 19C321347G2-G4

To improve power output at cold temperatures. Added CR204 and CR205.

REV. B - To improve power output. Changed Q203.

REV. C - To improve operation. Deleted C258. Added C252.

REV. D - To improve operation. Deleted C209 and R203. Changed R204.

REV. E - To improve operation. Changed C206.

REV. A - 20-Watt Module 19C321347G1

To improve operation. Added C209 and R203.

REV. B - To improve station operation. Changed C213.

REV. C - To improve operation. Changed C206.

REV. D - 20-Watt Module 19C321347G1

REV. F - 20-Watt Module 19C321347G2-4

To decrease spurious outputs. Changed C207L, M and C209. Deleted C208L, M and H. Added R203 to Groups 2-4.

REV. A - 75-Watt Module 19D423006G1-4

To improve operation. Added C4267.

REV. B - To improve performance. Changed R4209.

REV. G - 20 Watt Module 19C321347G2

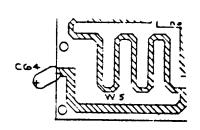
REV. F - 20 Watt Module 19C321347G6

To improve performance. Added R216 and C262.

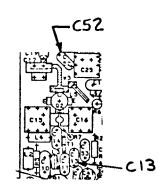
REV. G - 20 Watt Module 19C321347G2

20 Watt Module 19C321347G6

To improve operation. Deleted C262.



19D423006



196321347

IN ORDER TO COVER THE FREQ BAND FROM 420 TO 450MHz, THE FOLLOWING MODIFICATIONS MUST OCCUR:

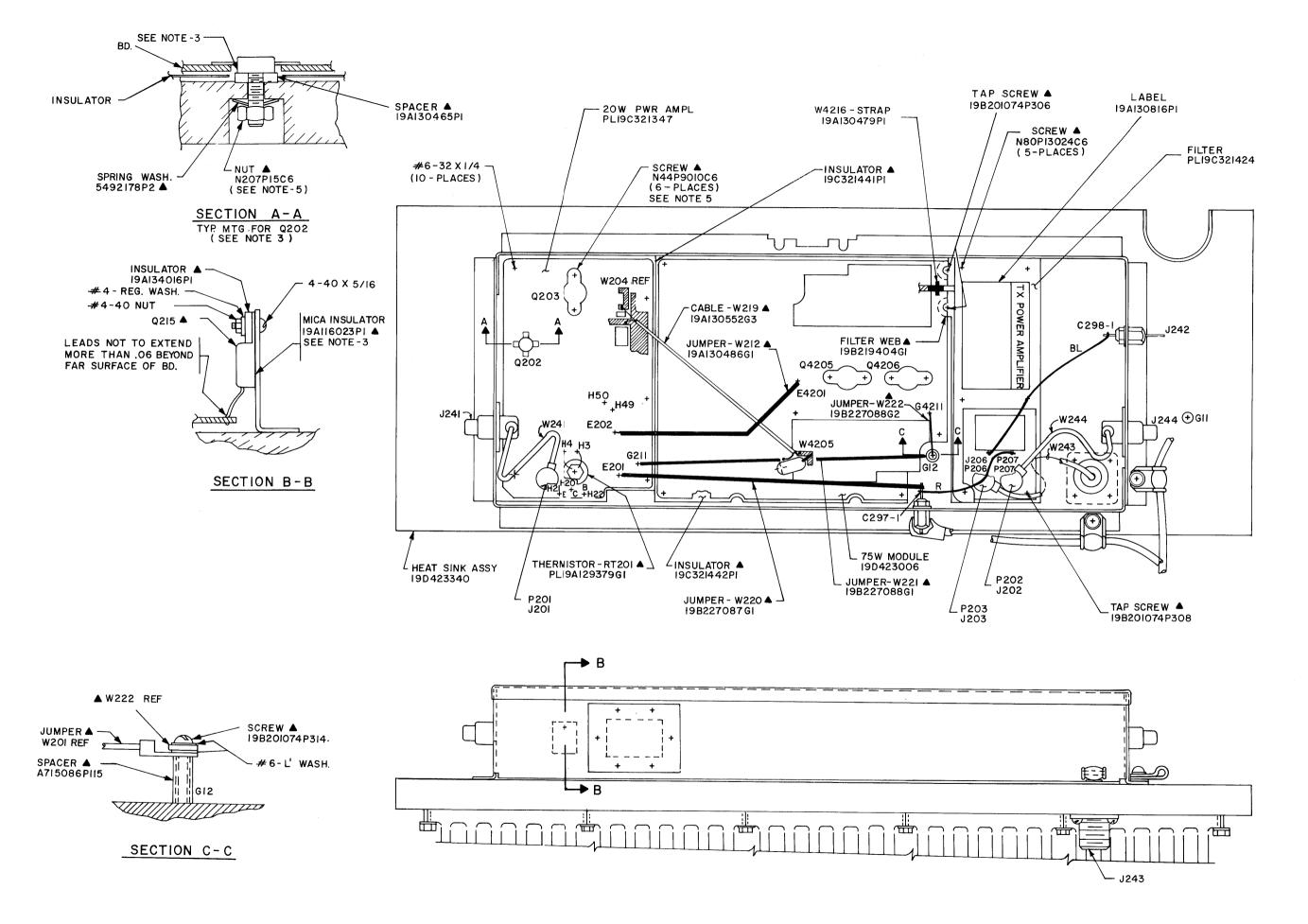
- 1. REMOVE C64 ON PWB 19D423006 AND C13 ON PWB 19C321347.
- 2. FOR FREQ BAND 440-450MHz, REMOVE C52 ON PWB 19C321347.
- 3. ATTACH LABEL NP280544 TO AN INSIDE SURFACE IN AN AREA THAT WILL BE VISIBLE ON THE ASSEMBLED P.A.

NOTE: ALL COMPONENTS ARE OF 4200 SERIES ON 19D423006 AND 200 SERIES ON 19C321347.

(19A136813, Rev. 2)

MODIFICATION INSTRUCTION

420-450 MHz

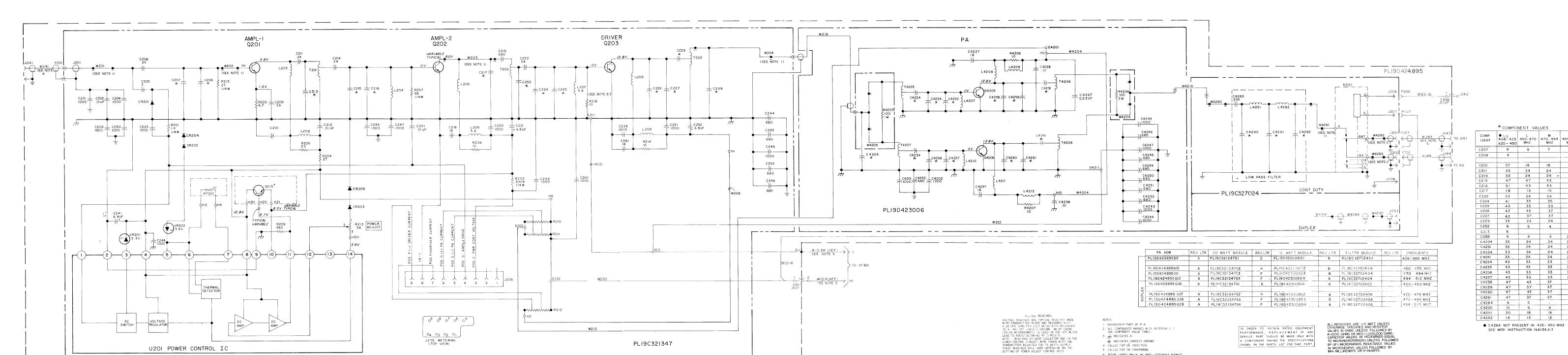


NOTES:

- I. ▲ PART OF KIT 19A130484.
- CENTER CONDUCTOR OF W219 MUST BE SOLDERED TO W204 & W205 IN AREA INDICATED. NOTE: SOLDER GR BRAID TO GROUND ON 20W MODULE 19C321347 AND 75W MODULE 19D423006 AS SHOWN.
- 3. APPLY SILICONE GREASE TO BOTH SURFACES OF TRANSISTOR INSULATOR (19A116023P1), BETWEEN BOTH MTG SURFACES OF SPACER (19A130465P1) & BETWEEN MTG. SURFACE OF RT201 Q4205, Q4206, Q203 & HEAT SINK PER CPD PROCESS P6A-EAIII. CARE MUST BE USED SO THAT: NO GREASE IS APPLIED TO THE THREADED PORTION OF THE MTG. STUD OF Q202.
- 4. SOLDER ALL ELECTRICAL CONNECTIONS.
- 5. TIGHTEN TRANSISTOR MTG. HARDWARE TO WITHIN 8 \pm 1 IN. LBS FOR %8 HARDWARE & 6 \pm 1 IN. LBS. FOR %4 HARDWARE.
- 7. RECOMMENDED INSTALLATION PROCEDURE OF 20 WATT MODULE (19G321347)1S:
 ASSEMBLE ALL HARDWARE LOOSE, THEN TORQUE Q202, THEN TORQUE Q203, THEN TIGHTEN MOUNTING HARDWARE.
- RECOMMENDED INSTALLATION PROCEDURE OF 75 WATT MODULE (190423006) IS:
 ASSEMBLE ALL HARDWARE LOOSE, THEN TORQUE Q4205 AND Q4206, THEN TIGHTEN MOUNTING HARDWARE.
- 9. SEE INTERCONNECTION DIAG., 19R622187.

OUTLINE DIAGRAM

75 WATT UHF CONTINUOUS DUTY STATION POWER AMPLIFIER



PL19C32I347

04 03 02 01

SCHEMATIC DIAGRAM

75 WATT UHF CONTINUOUS DUTY

STATION POWER AMPLIFIER

Issue 4

U201 POWER CONTROL IC

3. INDICATES A-. ☐ INDICATES CHASSIS GROUND.

4. CALLED FOR ON 19D417526

5. CALLED FOR ON 19D424895.

6. R2I6 USED ONLY IN 450-470MHZ RANGE.

LBI30209

PARTS LIST

LBI30521B

406-512 MHz, 75 WATT STATION POWER AMPLIFIER 19042489569-G12 (CONTINUOUS DUTY) 190424895G26-G29 (CONTINUOUS DUTY - DUPLEX)

SYMBOL	GE PART NO.	DESCRIPTION
C297 and C298	19A116708P1	Ceramic, feed-thru: 0.01 μ f +100% -0%, 500 VDCW sim to Erie Style 327050X5W0103P.
		PLUGS
P206 and P207	4036634Pl	Contact, electrical; sim to AMP 42428-2.
Q215	19A1167 4 2P1	TRANSISTORS Silicon, NPN.
RT201	19A129379G1	Thermistor: 40,000 ohms $\pm 20\%$, color code white; sim to Carborundum Type M0806J-5.
W212	19A130486G1	Jumper.
W219	19A130552G3	Cable: 4.70 inches long.
W220	19B227087G1	Jumper.
W221	19B227088G1	Jumper.
W222	19B227088G2	Jumper.
W24 3		CABLE ASSEMBLY 19A129312G6
		JACKS AND RECEPTACLES
J2 4 3	5491689P108	Connector, plug: includes 10 inch cable.
		PLUGS
P203		Connector. Includes receptacle and adaptor. (Order separately).
	4029493P1	Receptacle, coaxial: sim to Amphenol 83-798.
	4029082P2	Adaptor.
W244	5491689P104	Cable, RF: approx 3-5/8 inches long.
		20 WATT MODULE 19C321347G1 406-450 MHz (LL) 19C321347G2 450-470 MHz (L) 19C321347G3 470-494 MHz (M) 19C321347G4 494-512 MHz (H)
C201 and C202	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.
C203	19A116192P1	Ceramic: 0.01 μ f $\pm 20\%$, 50 VDCW; sim to Erie 8121 SPECIAL.
C204	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.
C205	19A116656P3J0	Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.
C206*	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCw, temp coef 0 PPM. In REV B & earlier in Gl, In REV D & earlier
	19A116655P18	in G2-G4: Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to
C207LL	19Al16656P8J0	RMC Type JF Discap. Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.
C207L*	19A116656P9J0	Ceramic disc: 9 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.
	19A116656P6J0	In REV E & earlier: Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coef

C207M*	19A116656P7J0		I
С207н		Ceramic disc: 7 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	C21
С207Н		In REV E & earlier:	C21
С207Н	19A116656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	C22
	19A116656P3J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	C22
C208LL	19A116656P8J0	Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	C22:
C208L*	19A116656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Deleted by REV F.	C22
C208M*	19A116656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coef	C22
С208Н*	19A116656P6J0	O PPM. Deleted by REV F. Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coef	C22
C209*	19A116656P33J0	O PPM. Deleted by REV F. Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM. Added to G1 by REV D, to G2-G4 by REV F.	C22:
C209LL*	7489162P15	Added to G1 by REV D, to G2-G4 by REV F. Silver mica: 33 pf ±5%, 500 VDCW; sim to Electro	C22
020022		Motive Type DM-15. Added by REV A. Deleted by REV D.	C22
C209L*	7489162P11	Silver mica: 22 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15. Deleted by REV D.	C224
C209M*	7489162P11	Silver mica: 22 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15. Deleted by REV D.	C22
С209Н*	7489162P13	Silver mica: 27 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15. Deleted by REV D.	C22
C210LL	7489162P13	Silver mica: 27 pf ±5%, 500 VDCW; sim to	C22
C210L	7489162P9	Electro Motive Type DM-15. Silver mica: 18 pf ±5%, 500 VDCW; sim to	C22
C210M	7489162P9	Electro Motive Type DM-15. Silver mica: 18 pf ±5%, 500 VDCW; sim to	C22
	7489162P9	Electro Motive Type DM-15.	C22
C210H		Electro Motive Type DM-15.	C22
C211LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM.	C22
C211L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	C22
C211M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	C22
C211H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	C22
C212	19A116192P1	Ceramic: 0.01 μ f $\pm 20\%$, 50 VDCW; sim to Erie 8121 SPECIAL.	C22
C213LL*	19A116656P5J0	Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	C22
		In REV A & earlier:	C22
	19A116656P4J0	Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	C23
C214LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM.	
C214L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	C23
C214M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 ppM.	C24
C214H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCw, temp coef	C24
C215LL	19A116952P47	0 ppm. Metallized teflon: 47 pf ±2%, 250 VDCW.	thr C25
C215L	19A116952P47	Metallized teflon: 47 pf ±2%, 250 VDCW.	C25
C215M	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.	C25
C215H	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.	
C216LL	19A116952P51	Metallized teflon: 51 pf ±2%, 250 VDCW.	C25
C216L	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.	C25
C216M	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW. Metallized teflon: 39 pf ±2%, 250 VDCW.	C25
C216H	19A116952P39 19A116679P18D	Metallized teflon: 18 pf ±.5 pf, 250 VDCW.	
C217LL C217L	19A116679P16D	Metallized teflon: 16 pf ±.5 pf, 250 VDCW.	C25
C217H	19A116679P15D	Metallized teflon: 15 pf ±.5 pf, 250 VDCW.	C25
C217H	19A116679P13D	Metallized teflon: 13 pf ±.5 pf, 250 VDCW.	and C25
			C25

C218	YMBOL	GE PART NO.	DESCRIPTION
RNC Type JF Discap. Ceramic disc: 1000 0f ±10%, 1000 VDCW; sim to NCC Type JF Discap.	C218	7489162P9	Silver mica: 18 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15.
C220 19A116655P20 Ceramic disc: 1000 pf f10%, 1000 VDCW; sim to RWC Type JF Discap. C221L 19A134202P15 Tantalum: 6.8 pf f20%, 35 VDCW. C222L 19A116656P24J0 Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef o PPM. C222M 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C222M 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C223 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C224L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C224L 19A116952P3 Mctallized tefion: 35 pf ±2%, 250 VDCW. C224L 19A116952P3 Mctallized tefion: 35 pf ±2%, 250 VDCW. C224H 19A116952P3 Mctallized tefion: 35 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 35 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 35 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 33 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 33 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C225L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Mctallized tefion: 37 pf ±2%, 250 VDCW. C228L 19A116656P40 Mctallized tefion: 37 pf ±2%, 500 VDCW, temp coef o PPM. C229L 19A116656P40 Mctallized tefion: 38 pf ±2%	C219	19A116655P18	Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.
C221L 19A14202P15	C220	19A116655P20	Ceramic disc: 1000 pf $\pm 10\%$, 1000 VDCW; sim to
C222L 19A116956P24J0 Coramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C222M 19A116956P24J0 Coramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C222R 19A116956P24J0 Coramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C223 19A116956P24J0 Coramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C224LL 19A116952P2M1 Metallized tefion: 41 pf ±2%, 250 VDCW. C224L 19A116952P35 Metallized tefion: 35 pf ±2%, 250 VDCW. C224M 19A116952P30 Metallized tefion: 32 pf ±2%, 250 VDCW. C224M 19A116952P31 Metallized tefion: 32 pf ±2%, 250 VDCW. Metallized tefion: 32 pf ±2%, 250 VDCW. C225L 19A116952P33 Metallized tefion: 33 pf ±2%, 250 VDCW. C225L 19A116952P34 Metallized tefion: 37 pf ±2%, 250 VDCW. C225L 19A116952P37 Metallized tefion: 37 pf ±2%, 250 VDCW. C226L 19A116952P31 Metallized tefion: 37 pf ±2%, 250 VDCW. C226L 19A116952P31 Metallized tefion: 37 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized tefion: 37 pf ±2%, 250 VDCW. C226L 19A116952P31 Metallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P31 Metallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P31 Metallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P31 Metallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P31 Metallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P31 Metallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P31 Metallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P31 Metallized tefion: 37 pf ±2%, 250 VDCW. C227L 19A116952P30 Coramic disc: 1000 pf ±10%, 1000 VDCW; sim to RWC Type JF Discap. C229L 19A116955P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229L 19A116955P30 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A116955P30 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C232 19A116955P30 Ceramic disc: 24 pf ±5%, 500 VDCW; sim to RWC Type JF Discap. C231 19A116955P30 Ceramic disc: 30 pf ±10%, 1000 VDCW; sim to RWC Type JF Discap. C232 19A116955P30 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252M* 19A116955P30 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW,	C221	19A134202P15	
C222L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C222H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C222H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C2231 19A116656P24J0 Metallized teflon: 41 pf ±5%, 250 VDCW. C224L 19A116952P3 Metallized teflon: 35 pf ±2%, 250 VDCW. C224L 19A116952P3 Metallized teflon: 35 pf ±2%, 250 VDCW. C224L 19A116952P3 Metallized teflon: 35 pf ±2%, 250 VDCW. C224L 19A116952P3 Metallized teflon: 35 pf ±2%, 250 VDCW. C225L 19A116952P3 Metallized teflon: 35 pf ±2%, 250 VDCW. C225L 19A116952P3 Metallized teflon: 33 pf ±2%, 250 VDCW. C225L 19A116952P3 Metallized teflon: 32 pf ±2%, 250 VDCW. C225L 19A116952P3 Metallized teflon: 32 pf ±2%, 250 VDCW. C226L 19A116952P3 Metallized teflon: 32 pf ±2%, 250 VDCW. C226L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C226L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C226L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C228L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116956P310 Metallized teflon: 37 pf ±2%, 350 VDCW. C229L 19A116956P310 Metallized teflon: 37 pf ±2%, 350 VDCW. C229L 19A116956P310 Metallized teflon: 37 pf ±2%, 350 VDCW, temp coef op PM. C229L 19A116956P310 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef op PM. C230L 19A116955P30 Ceramic disc: 24 pf ±3%, 500 VDCW, temp coef op PM. C	C222LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef
C222M 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef	C222L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef
C222H 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C224L 19A116952P41 Metallized teflon: 41 pf ±2%, 250 VDCW. C224H 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C224H 19A116952P32 Metallized teflon: 32 pf ±2%, 250 VDCW. C224H 19A116952P32 Metallized teflon: 32 pf ±2%, 250 VDCW. C224H 19A116952P33 Metallized teflon: 32 pf ±2%, 250 VDCW. C225L 19A116952P34 Metallized teflon: 33 pf ±2%, 250 VDCW. C225L 19A116952P35 Metallized teflon: 33 pf ±2%, 250 VDCW. C225M 19A116952P37 Metallized teflon: 33 pf ±2%, 250 VDCW. C225H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116656P3J0 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A116656P24J0 Ceramic disc: 24 pf ±0%, 50 VDCW, temp coef o PPM. C244	C222M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef
C224LL 19A116952P41 Metallized teflon: 35 pf ±2%, 250 VDCW. C225L 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C225L 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C225L 19A116952P32 Metallized teflon: 35 pf ±2%, 250 VDCW. C225L 19A116952P33 Metallized teflon: 35 pf ±2%, 250 VDCW. C225L 19A116952P33 Metallized teflon: 35 pf ±2%, 250 VDCW. C225L 19A116952P34 Metallized teflon: 33 pf ±2%, 250 VDCW. C225M 19A116952P35 Metallized teflon: 32 pf ±2%, 250 VDCW. C225L 19A116952P37 Metallized teflon: 32 pf ±2%, 250 VDCW. C225L 19A116952P37 Metallized teflon: 32 pf ±2%, 250 VDCW. C225L 19A116952P47 Metallized teflon: 37 pf ±2%, 250 VDCW. C226L 19A116952P47 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C228L 19A116952P30 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116956P30 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229L 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 and and and an experiment disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C251 19A116656P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L 19A116656P30 Ceramic disc: 80 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L 19A116656P30 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M 19A116656P30 Ceramic disc: 80 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H 19A116656P30 Ceramic disc: 80 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added	C222H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef
C224LL 19A116952P41 Metallized teflon: 41 pf ±2%, 250 VDCW. C224M 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C224M 19A116952P32 Metallized teflon: 35 pf ±2%, 250 VDCW. C224L 19A116952P32 Metallized teflon: 32 pf ±2%, 250 VDCW. C225L 19A116952P33 Metallized teflon: 33 pf ±2%, 250 VDCW. C225L 19A116952P33 Metallized teflon: 35 pf ±2%, 250 VDCW. C225M 19A116952P33 Metallized teflon: 37 pf ±2%, 250 VDCW. C225L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C225L 19A116952P37 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 35 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C228L 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C232 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C234 19A136656P24J0 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252L* 19A116656P3J0 Ceramic disc: 9 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252M* 19A116656P3J0 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C253 19A116655P30 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 19A116655P3J8 Ceramic disc	C223	19A116655P20	Ceramic disc: 1000 pf $\pm 10\%$, 1000 VDCW; sim to
C224H	C224LL	19A116952P41	
C224H 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C225LL 19A116952P43 Metallized teflon: 32 pf ±2%, 250 VDCW. C225L 19A116952P43 Metallized teflon: 33 pf ±2%, 250 VDCW. C225M 19A116952P35 Metallized teflon: 33 pf ±2%, 250 VDCW. C225H 19A116952P37 Metallized teflon: 33 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 32 pf ±2%, 250 VDCW. C226L 19A116952P47 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19A116952P43 Metallized teflon: 43 pf ±2%, 250 VDCW. C226M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C226H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C228H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116956P33JO Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RWC Type JF Discap. C229L 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C229H 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C231 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C231 19A116656P24JO Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RWC Type JF Discap. C232 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C246 thru 19A116656P20 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RWC Type JF Discap. C251 19A116656P30 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252M* 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252B* 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252B* 19A116656P3JO Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 19A116655P3DO Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 19A116655P3DO Ceramic disc: 1000 p	C224L	19A116952P35	Metallized teflon: 35 pf $\pm 2\%$, 250 VDCW.
C224H 19A116952P32 Metallized teflon: 32 pf ±2%, 250 VDCW. C225L 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C225L 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. Metallized teflon: 33 pf ±2%, 250 VDCW. Metallized teflon: 32 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 32 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C226H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C226L 19A116952P37 Metallized teflon: 33 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C228L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116656P24J0 Ceramic disc: 39 pf ±5%, 500 VDCW, temp coef 0 PPM. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C232 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C246 19A116655P18 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW; sim to RMC Type JF Discap. C251 19A11695P20 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P4J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P4J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P4J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P3J0 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to PPM. Added by REV C. C252S 19A116655P18 Ceramic disc: 1000 pf ±10%		i	
C225L 19A116952P43 Metallized teflon: 43 pf ±2%, 250 VDCW. C225M 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C225H 19A116952P32 Metallized teflon: 32 pf ±2%, 250 VDCW. C226L 19A116952P47 Metallized teflon: 32 pf ±2%, 250 VDCW. C226L 19A116952P47 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19A116952P43 Metallized teflon: 43 pf ±2%, 250 VDCW. C226M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C226H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C228 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C228 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C229L 19A116952P30 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RNC Type JF Discap. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229M 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C241 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C242 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C243 19A116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116192P1 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L* 19A116656P3J0 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P18 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P18 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P18 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW; sim to RMC Type JF Discap.		1	
C225L 19Al16952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C225H 19Al16952P32 Metallized teflon: 32 pf ±2%, 250 VDCW. C226LL 19Al16952P47 Metallized teflon: 47 pf ±2%, 250 VDCW. C226LL 19Al16952P43 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19Al16952P3 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19Al16952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C226L 19Al16952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C226L 19Al16952P3 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19Al16952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19Al16952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19Al16952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19Al16952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C228 19Al16655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19Al16656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C229H 19Al16656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C229H 19Al16656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C231 19Al16656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C232 19Al34202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 19Al34202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 19Al34202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C246 1PAl16655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19Al16655P20 Ceramic disc: 800 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L* 19Al16656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252M* 19Al16656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252B* 19Al16656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252B* 19Al16655P20 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 19Al16655P30 Ceramic disc: 680 pf ±0%, 1000 VDCW; sim to RMC Type JF Discap. C253 19Al16655P30 Ceramic disc: 680 pf ±0%, 1000 VDCW; sim to RMC Type JF Discap. C253 19Al16655P30 Ceramic disc: 680 pf ±0%, 1000 VDCW; sim to RMC Type JF Discap.			• ",
C225H 19A116952P33 Metallized teflon: 33 pf ±2%, 250 VDCW. C226L 19A116952P47 Metallized teflon: 47 pf ±2%, 250 VDCW. C226L 19A116952P43 Metallized teflon: 47 pf ±2%, 250 VDCW. C226M 19A116952P37 Metallized teflon: 43 pf ±2%, 250 VDCW. C226M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C226H 19A116952P35 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C228L 19A116655P30 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P33J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C231 19A116655P20 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef O PPM. C232 19A134202P15 Tantalum: 6.8 mf ±20%, 35 VDCW. C244 19A134202P15 Tantalum: 6.8 mf ±20%, 35 VDCW. C244 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C250 19A116655P20 Ceramic disc: 800 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef O PPM. C252L+ 19A116656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252H* 19A116655P20 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef O PPM. Added by REV C. C252H* 19A116655P20 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.			
C226LL 19A116952P32 Metallized teflon: 32 pf ±2%, 250 VDCW. C226L 19A116952P47 Metallized teflon: 47 pf ±2%, 250 VDCW. C226M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C226H 19A116952P35 Metallized teflon: 37 pf ±2%, 250 VDCW. C226H 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C227LL 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227R 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227R 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227R 19A116952P36 Metallized teflon: 35 pf ±2%, 250 VDCW. C228 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229LL 19A116656P3J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229M 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A116655P20 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C232 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 19A136655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C250 19A116192P1 Ceramic disc: 80 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A11665P20 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252M* 19A116656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252M* 19A11665P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C253 19A11665P3D0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C253 19A11665P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252M* 19A11665P3J0 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C253 19A11665P3D0 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 19A11665P3D0 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.			·
C226LL 19A116952P47 Metallized teflon: 47 pf ±2%, 250 VDCW. C226M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C226H 19A116952P35 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P43 Metallized teflon: 35 pf ±2%, 250 VDCW. C227L 19A116952P47 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P35 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229LL 19A116656P24J0 Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116655P20 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C232 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C244 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116192P1 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116655P20 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252B* 19A116655P20 Ceramic disc: 680 pf ±10.5 pf, 500 VDCW; sim to RMC Type JF Discap. C255 19A116655P20 Ceramic disc: 680 pf ±10.5 pf, 500 VDCW; sim to RMC Type JF Discap.	C225M	19A116952P33	
C226L 19A116952P43 Metallized teflon: 43 pf ±2%, 250 VDCW. C226H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P43 Metallized teflon: 35 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P35 Metallized teflon: 37 pf ±2%, 250 VDCW. C228 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229H 19A116655P20 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C242 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 and PA116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116192P1 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L* 19A116656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef o PPM. C252L* 19A116656P3J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C253 19A116655P3J0 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C225H	19A116952P32	Metallized teflon: 32 pf ±2%, 250 VDCW.
C226M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227LL 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P35 Metallized teflon: 37 pf ±2%, 250 VDCW. C228L 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P34J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229M 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116655P20 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 and 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C246 thru C250 C251 19A116192P1 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L* 19A116656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 19A116656P4J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P4J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P4J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P4J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P4J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C226LL	19A116952P47	Metallized teflon: 47 pf $\pm 2\%$, 250 VDCW.
C226H 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C227L 19A116952P43 Metallized teflon: 43 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227L 19A116952P35 Metallized teflon: 37 pf ±2%, 250 VDCW. C228L 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P24J0 Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM. C229M 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116655P20 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C232 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C244 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C244 19A116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C246 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C250 C251 19A116656P30 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L* 19A116656P5J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 19A116656P4J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19A116656P3J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 19A116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 19A116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C226L	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.
C226H 194116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C227L 194116952P43 Metallized teflon: 43 pf ±2%, 250 VDCW. C227L 194116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227M 194116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 194116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C228 194116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RNC Type JF Discap. C229L 194116656P33J0 Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM. C229L 194116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 194116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 194116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C232 194134202P15 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C241 194134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 194134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 19416655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C250 C251 194116656P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L* 194116656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 194116656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 194116656P3J0 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 194116656P3J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 194116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 194116656P3J0 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255a 194116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255a 194116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255a 194116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C226M	194116952P37	Metallized teflon: 37 pf +2%, 250 VDCW.
C227LL 19A116952P43 Metallized teflon: 43 pf ±2%, 250 VDCW. C227M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C228 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RNC Type JF Discap. C229LL 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229M 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116655P20 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C232 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C246 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C250 C251 19A11665P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L* 19A116656P20 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 19A116656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19A116656P3J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 19A116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.		1	
C227L 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C228 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P33J0 Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116656P24J0 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C232 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C244 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L* 19A116656P3J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19A116656P3J0		1	
C227M 19A116952P37 Metallized teflon: 37 pf ±2%, 250 VDCW. C227H 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C228 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P33J0 Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM. C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A13665P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C246 thru C250 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116192P1 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L* 19A116656P8J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 19A116656P4J0 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19A116656P4J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C227LL	19A116952P43	·
C227H 19A116952P35 Metallized teflon: 35 pf ±2%, 250 VDCW. C228L 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P3JO Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef o PPM. C229M 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229H 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229H 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C232 19A134202P15 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C242 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C246 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116192P1 Ceramic: 0.01 µf ±20%, 50 VDCW; sim to Erie 8121 SPECIAL. C252L± 19A116656P3JO Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252M* 19A116656P3JO Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252H* 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C253 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C253 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C253 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C253 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C227L	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.
C229LL 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C229L 19A116656P3JO Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef o PPM. C229M 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229H 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229H 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A13665P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C232 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C242	C227M	19A116952P37	Metallized teflon: 37 pf $\pm 2\%$, 250 VDCW.
C229LL 19A116656P33JO Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef o PPM. C229L 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229M 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229H 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C229H 19A116656P24JO Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef o PPM. C231 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C232 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C242 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C246 thru C250 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116192P1 Ceramic: 0.01 µf ±20%, 50 VDCW; sim to Erie S121 SPECIAL. C252LL 19A116656P3JO Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252M* 19A116656P4JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252H* 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252H* 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C252H* 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef o PPM. Added by REV C. C253 19A116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 and C256 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C227H	19A116952P35	Metallized teflon: 35 pf $\pm 2\%$, 250 VDCW.
C229L 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229M 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C232 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C242 19A134202P15 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C243 C244 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 C245 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C250 C251 Tantalum: 6.8 µf ±20%, 50 VDCW; sim to RMC Type JF Discap. C251 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C252L* Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C254 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C257 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C258 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C258 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C258 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C258 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C259 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C259 Ceramic disc: 680 pf ±10%, 1000	C228	19A116655P20	
C229M 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C232 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C246 thru C250 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116192P1 Ceramic: 0.01 µf ±20%, 50 VDCW; sim to Erie 8121 SPECIAL. C252LL 19A116656P8J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P4J0 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252L* 19A116656P4J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C255 19A116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C256 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C229LL	19A116656P33J0	
C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A134202P15 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C242 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C243 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C244 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C245 C246 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116192P1 Ceramic: 0.01 µf ±20%, 50 VDCW; sim to Erie 8121 SPECIAL. C252LL 19A116656P8J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 19A116656P5J0 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19A116656P4J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252B* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C229L	19A116656P24J0	
C229H 19A116656P24J0 Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM. C231 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C232 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C242	C229M	19All6656P24J0	
C231 19Al16655P20 Ceramic disc: 1000 pf ±10%, 1000 vDCW; sim to RMC Type JF Discap. C232 19Al34202P15 Tantalum: 6.8 µf ±20%, 35 VDCW. C241 19Al16655P18 Ceramic disc: 680 pf ±10%, 1000 vDCW; sim to RMC Type JF Discap. C244 and C245 Ceramic disc: 1000 pf ±10%, 1000 vDCW; sim to RMC Type JF Discap. C250 Ceramic disc: 1000 pf ±10%, 1000 vDCW; sim to RMC Type JF Discap. C251 19Al16655P20 Ceramic disc: 0.01 µf ±20%, 50 VDCW; sim to Erie 8121 SPECIAL. C252LL 19Al16656P8J0 Ceramic disc: 8 pf ±0.5 pf, 500 vDCW, temp coef 0 PPM. Added by REV C. C252M* 19Al16656P4J0 Ceramic disc: 4 pf ±0.5 pf, 500 vDCW, temp coef 0 PPM. Added by REV C. C252H* 19Al16656P3J0 Ceramic disc: 4 pf ±0.5 pf, 500 vDCW, temp coef 0 PPM. Added by REV C. C252H* 19Al16656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 vDCW, temp coef 0 PPM. Added by REV C. C253 19Al16655P20 Ceramic disc: 3 pf ±0.5 pf, 500 vDCW, temp coef 0 PPM. Added by REV C. C255 19Al16655P18 Ceramic disc: 1000 pf ±10%, 1000 vDCW; sim to RMC Type JF Discap.	С229Н	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef
C232 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C241 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C244 and c245 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C246 thru c250 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19A116192P1 Ceramic disc: 0.01 μf ±20%, 50 VDCW; sim to Erie 8121 SPECIAL. C252LL 19A116656P8J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 19A116656P5J0 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19A116656P4J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C231	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to
C241 19A134202P15 Tantalum: 6.8 μf ±20%, 35 VDCW. C244 and C245 C246 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C250 19A116192P1 Ceramic: 0.01 μf ±20%, 50 VDCW; sim to Erie 8121 SPECIAL. C252LL 19A116656P8JO Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 19A116656P5JO Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19A116656P4JO Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P18 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C232	19A134202P15	
C244 and C245 C246 c246 c246 c247 c247 c250 C250 C251 c251 c252 c252 c252 c252 c252 c252 c253 c253 c255 c255 c255 c255 c255		1	
and C245 RMC Type JF Discap. C246 thru C250 19Al16655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C251 19Al16192P1 Ceramic: 0.01 μf ±20%, 50 VDCW; sim to Erie 8121 SPECIAL. C252LL 19Al16656P8J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 19Al16656P5J0 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19Al16656P4J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19Al16656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19Al16655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 19Al16655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.			
thru C250 C251	and	194110099510	
C251 19A116192P1 Ceramic: 0.01 µf ±20%, 50 VDCW; sim to Erie 8121 SPECIAL. C252LL 19A116656P8JO Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 19A116656P5JO Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19A116656P4JO Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3JO Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P2O Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 and C256 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	thru	19A116655P20	
C252L* 19Al16656P8J0 Ceramic disc: 8 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. C252L* 19Al16656P5J0 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19Al16656P4J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19Al16656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19Al16655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 and C256 19Al16655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.		19A116192Pl	
C252L* 19Al16656P5J0 Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252M* 19Al16656P4J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19Al16656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19Al16655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 and C256 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C252LL	19All6656P8J0	Ceramic disc: 8 pf ± 0.5 pf, 500 VDCW, temp coef
C252M* 19A116656P4J0 Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C252H* 19A116656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19A116655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 and C256 RMC Type JF Discap.	C252L*	19All6656P5J0	Ceramic disc: 5 pf ± 0.5 pf, 500 VDCW, temp coef
C252H* 19Al16656P3J0 Ceramic disc: 3 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM. Added by REV C. C253 19Al16655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 and C256 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C252M*	19Al16656P4J0	Ceramic disc: 4 pf ± 0.5 pf, 500 VDCW, temp coef
C253 19Al16655P20 Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap. C255 and C256 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C252H*	19Al16656P3J0	Ceramic disc: 3 pf ± 0.5 pf, 500 VDCW, temp coef
C255 and C256 19A116655P18 Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	C253	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to
C256	C255		Ceramic disc: 680 pf $\pm 10\%$, 1000 VDCW; sim to
			time type or biscap.

SYMBOL	GE PART NO.	DESCRIPTION	SYMBOL	GE PART NO.	DESCRIPTION
C259LL	19A116656P6JO	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	R204*	3R77P27OJ	Composition: 27 ohms ±5%, 1/2 w.
C259L	19All6656P4J0	Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.			Earlier than REV A in Gl, in REV C & earlier in G2-G4:
C259M	19A116656P4J0	Ceramic disc: 4 pf ±0.5 pf, 500 VDCW, temp coef	R205	3R77P220J 3R152P220J	Composition: 22 ohms ±5%, 1/2 w. Composition: 22 ohms ±5%, 1/4 w.
С259Н	19A134100p20	O PPM. Ceramic disc: 2.2 pf ±0.1 pf, 100 VDCW; temp	R206	3R77P100J	Composition: 10 ohms ±5%, 1/2 w.
C20011	ZDIIZOXX OOF ZO	coef 0 ±120 PPM/°C.	R207	3R152P680J	Composition: 68 ohms ±5%, 1/4 w.
C260	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	R209	3R77P561J	Composition: 560 ohms ±5%, 1/4 w.
C261	7489162P9	Silver mica: 18 pf ±5%, 500 VDCW; sim to Electro Motive Type DM-15.	R210 thru R212	19C320212P1	Shunt resistor.
C262*	19Al16114P2044	Ceramic: 27 pf ±5%, 100 VDCW; temp coef -80 PPM. Added to G2 by REV G. Deleted in G2 by REV H.	R213	19A116559P102	Variable, cermet: 5K ohms ±20%, .5 w; sim to CTS Series 360.
		DIODES AND RECTIFIERS	R214	3R77P100J	Composition: 10 ohms ±5%, 1/2 w.
CR201	19A116052P1	Silicon, hot carrier: Fwd. drop .350 volts max.	R215	3R152P270J	Composition: 27 ohms ±5%, 1/4 w.
CR202 and CR203	19A115250P1	Silicon, fast recovery, 225 mA, 50 PIV.	R216*	3R77Р100Ј	Composition: 10 ohms ±5%, 1/2 w. Added to G2 REV G. Deleted in G2 by REV H.
CR204*	19AJ.15250P1	Silicon, fast recovery, 225 mA, 50 PIV. Added			
and CR205*		by REV A.	T201	19A130446G1	Coil.
			thru T203		
E201	19A134263Pl	Contact, electrical: sim to Selectro 229-1082-			
and E202		00-0-590.	U201	19D423127G1	Power Control.
G211	19A134263Pl	Contact, electrical: sim to Selectro 229-1082-00-0-590.			
		00-0-590.	VR201	4036887P1	Zener: 500 mW, 2.3 v. nominal.
		JACKS AND RECEPTACLES	VR202	4036887P5	Zener: 500 mw, 5.4 v. nominal.
J201	19A130924G1	Connector, receptacle: coaxial, jack type; sim to Cinch 14H11613.			•
J205	19B219374G1	Connector: 9 contacts.			
			W201 thru		(Part of printed board 19D423005P1).
	10110055001		W205 W207		(Part of printed board 19D423005P1).
L202	19A129773G1	Coil.	W207	19B226733G2	Jumper.
L203 L204	19A129774P1 19A129773G1	Coil.	11200	10022010002	V-2-2-1
L205	19B219457P6	Coil.			75 WATT MODULE 19D423006Gl 406-425 MHz (LL)
L206	7488079P40	Choke, RF: 5.60 µh ±10%, 0.15 ohms DC res max; sim to Jeffers 4422-1K.			19D424006G9 425-450 MHz (LL) 19D423006G2 450-470 MHz (L) 19D423006G3 470-494 MHz (M) 19D423006G4 494-512 MHz (H)
L207	7488079P13	Choke, RF: 5.60 μ h $\pm 10\%$, 0.30 ohms DC res max; sim to Jeffers 4421-4K.			
L208LL	19B219457P6	Coil.	C4201	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to
L208L	19A130650P1	Coil.	and C4202		RMC Type JF Discap.
L208M	19A130650P1	Coil.	C4224LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef
L208H	19A130650P1	Coil.			O PPM.
L209	19A129773GJ	Coil.	C4224L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.
0001	10412422701	TRANSISTORS	C4224M	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.
Q201 Q202	19A134237P1 19A134164P2	Silicon, NPN. Silicon, NPN; sim to Type 2N5945.	C4224H	19A116656P24J0	Ceramic disc: 24 pf $\pm 5\%$, 500 VDCW, temp coef 0 PPM.
Q203LL	19A134171P4	Silicon, NPN.	C4227	7489162P9	Silver mica: 18 pf ±5%, 500 VDCW; sim to Elec Motive Type DM-15.
Q203L*	19A134239P2	Silicon, NPN. In REV A & earlier:	C4228	19A116192Pl	Ceramic: 0.01 μ f $\pm 20\%$, 50 VDCW; sim to Erie 8121 SPECIAL.
	19A134239P1	In REV A & earlier: Silicon, NPN.	C4231LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM.
Q203M*	19A134239P2	Silicon, NPN.	C4231L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef
		In REV A & earlier:	C423111	20021000072400	0 PPM.
	19A134239P1	Silicon, NPN.	C4231M	19Al16656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.
Q203H*	19A134239P2	Silicon, NPN.	C4231H	19Al16656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef
	19A134239P1	In REV A & earlier: Silicon, NPN.	C4234LL	19A116656P33J0	O PPM. Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef
		RESISTORS	C4234L	19A116656P24J0	O PPM. Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef
R201	3R152P102J	Composition: 1K ohms ±5%, 1/4 w.		10411665679440	O PPM. Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef
R202	3R152P304J	Composition: 300K ohms ±5%, 1/4 w.	C4234M	19A116656P24J0	O PPM.
R203*	7147161P13	Composition: 4.7 ohms ±5%, 1/2 w. Deleted in G2-G4 by REV D, Added to G1 by REV A.	C4234H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.
	1	1	C4237	7489162P9	Silver mica: 18 pf ±5%, 500 VDCw; sim to Elec

PARTS LIST & PRODUCTION CHANGES

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Issue 3

LBI30209

SYMBOL	GE PART NO.	DESCRIPTION	SYMBOL	GE PART NO.	DESCRIPTION	SYMBOL	GE PART NO.	DESCRIPTION	SYMBOL	GE PART NO.	DESCRIPTION
<u> </u>											
C4238	19A116192P1	Ceramic: 0.01 μ f $\pm 20\%$, 50 VDCW; sim to Erie 8121 SPECIAL.			INDUCTORS	W4280				19B219404G1 19B201074P314	Filter web. Tap screw, Phillips POZIDRIV®: No. 6-32 x 7/8.
C4241LL	19A116656P33J0	Ceramic disc: 33 pf ±5%, 500 VDCW, temp coef 0 PPM.	L4207	7488079P13	Choke, RF: 5.60 μ h $\pm 10\%$, 0.30 ohms DC res max; sim to Jeffers 4421-4K.	thru W4283		(Fait of granted board 15072450/F1).			(Secures W221 and W222 to spacer).
C4241L	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef	L4208	19A130447G2	Coil.			LOW PASS FILTER MODULE		19B226212G1 19B226212G2	Heat sink. (Center sections- Quantity 3). Heat sink. (W241 end- Quantity 1).
C4241M	19A116656P24J0	O PPM. Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef	L4209 L4210	19A129773G1 7488079P13	Coil. Choke, RF: 5.60 µh ±10%, 0.30 ohms DC res max;			19C321424G4 (Deleted from 19D424895 by REV A)		19B226212G3	Heat sink. (Caution nameplate end- Quantity 1).
C4241m		O PPM.			sim to Jeffers 4421-4K.					19D417513G1	Cover, Heat Sink Assembly.
C4241H	19A116656P24J0	Ceramic disc: 24 pf ±5%, 500 VDCW, temp coef 0 PPM.	L4211 L4212	19A130447G1 19A129773G1	Coil.	C4280H	19A116952P9	Metallized teflon: 9 pf ±0.5 pf, 250 VDCW.		7139898P3	Hex nut: No. 1/4-28. (Secures C297 and C298).
C4243 thru	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	DALLE	ISAIZSTISGI		C4281H	19A116952P18	Metallized teflon: 18 pf ±0.5 pf, 250 VDCW.		19B201074P204	Tap screw, Phillips POZIDRIY®: No. 4-40 x 1/4. (Secures W241).
C4245	19A116655P18	Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to	Q4205	19A134243P1	Silicon, NPN.	C4282H	19A116952P12	Metallized teflon: 12 pf ±0.5 pf, 250 VDCW.			
C4246	194116633516	RMC Type JF Discap.	and Q4206	13/13/2/371	Billeon, MPK.	C4283H	19A116679P220J	Silver mica: 220 pf ±5%, 250 VDCW.			
C4247	19A116655P20	Ceramic disc: 1000 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.			RESISTORS						
C4248 thru	19Al16655P18	Ceramic disc: 680 pf ±10%, 1000 VDCW; sim to RMC Type JF Discap.	R4203	3R78P101J	Composition: 100 ohms ±5%, 1 w.	L4281 and L4282	19B226709G1	Jumper.			
C4253			R4206 and	3R77P100J	Composition: 10 ohms ±5%, 1/2 w.	14282		JACKS AND RECEPTACLES			
C4254LL C4254L	19A116952P43 19A116952P33	Metallized teflon: 43 pf ±2%, 250 VDCW. Metallized teflon: 33 pf ±2%, 250 VDCW.	R4207 R4209*	3R79P101J	Composition: 100 ohms ±5%, 2 w.	J202	19A130924G1	Connector, receptacle: coaxial, jack type; sim			
C4254M	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.			In REV A & earlier:	and J203		to Cinch 14H11613.			
C4254H	19A116952P32	Metallized teflon: 32 pf ±2%, 250 VDCW.		3R78P101J	Composition: 100 ohms ±5%, 1 w.	J206 and		(Part of K201).			
C4255LL	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.				J207 J208	4033513P4	Contact, electrical: sim to Bead Chain L93-3.			
C4255L	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.	T4205	19A130446G1	Coil.	3208	403331324				
C4255M C4255H	19A116952P33 19A116952P28	Metallized teflon: 33 pf ±2%, 250 VDCW. Metallized teflon: 28 pf ±2%, 250 VDCW.	thru T4208								
C4255H C4256LL	19A116952P28	Metallized teflon: 43 pf ±2%, 250 VDCW.	İ			K201	19A116722P1	Hermetic sealed: 125 ohms ±20%, 1 form C contact, 9.6 to 15.8 VDC (over the temp range indicated). (Includes J206 and J207).			
C4256L	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.	W4201 and		(Part of printed board 19C321425G1).		ļ				
C4256M	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.	W4202 W4204	19B226708G1	Jumper.						
C4256H	19A116952P32	Metallized teflon: 32 pf ±2%, 250 VDCW.	W4216	19A130479P1	Strap.	W4280 thru W4283		(Part of printed board 19D423111P1).			
C4257LL	19A116952P43 19A116952P33	Metallized teflon: 43 pf ±2%, 250 VDCW. Metallized teflon: 33 pf ±2%, 250 VDCW.	1		LOW PASS FILTER			TRANS AGGENTY V			
C4257L C4257M	19A116952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.			19C327024G3 406-450 MHz (LL) 19C327024G4 450-512 MHz (H)			FRAME ASSEMBLY 19D417526G3			
C4257H	19A116952P28	Metallized teflon: 28 pf ±2%, 250 VDCW.			19C327024G5 406-450 MHz (LL) DUPLEX 19C327024G6 450-512 MHz (H) DUPLEX (Added to 19D424895 by REV A)						
C4258LL	19A116952P47	Metallized teflon: 47 pf ±2%, 250 VDCW.				W241	5491689P104	Cable, RF: approx 3-5/8 inches long.			
C4258L	19A116952P43	Metallized teflon: 43 pf ±2%, 250 VDCW.							·		
C4258M	19A116952P37 19A116952P32	Metallized teflon: 37 pf ±2%, 250 VDCW. Metallized teflon: 32 pf ±2%, 250 VDCW.	C4290LL C4290H	19A116952P10 19A116952P9	Metallized teflon: 10 pf ±0.5 pf, 250 VDCW. Metallized teflon: 9 pf ±0.5 pf, 250 VDCW.			MISCELLANEOUS			
C4258H C4259LL	19A116952P47	Metallized teflon: 47 pf ±2%, 250 VDCW.	C4291LL		Metallized teflon: 20 pf ±0.5 pf, 250 VDCW.		5492178P2	Washer, spring tension: sim to Wallace Barnes 375-20. (Used with Q202).			
C4259L	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.	С4291н	19Al16952Pl8	Metallized teflon: 18 pf ±0.5 pf, 250 VDCW.		19A130465P1	Spacer. (Used with Q202).			
C4259M	19A116952P37	Metallized teflon: 37 pf ±2%, 250 YDCW.	C4292LL	19A116952P13	Metallized teflon: 13 pf ±0.5 pf, 250 VDCW.		N207P15C6 N44P9010C6	Nut, hex: No. 8-32. (Used with Q202). Screw, machine: No. 4-40 x 5/8. (Used with		ľ	
C4259H	19Al16952P33	Metallized teflon: 33 pf ±2%, 250 VDCW.	C4292H	19A116952P12	Metallized teflon: 12 pf ±0.5 pf, 250 VDCW.		N44P90T0C8	Q203, Q4205, Q4206).			
C4260LL C4260L	19A116952P47 19A116952P43	Metallized teflon: 47 pf ±2%, 250 VDCW. Metallized teflon: 43 pf ±2%, 250 VDCW.	C4293	19A116679P220J	Silver mica: 220 pf ±5%, 250 VDCW.		19A134016P1	Insulator, bushing. (Used with Q215).			
C4260E	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.					19A116023P1 N80P13024C6	Insulator, plate. (Used with Q215). Machine screw, Phillips head: No. 6-32 x 1-1/2.			
C4260H	19A116952P32	Metallized teflon: 32 pf ±2%, 250 VDCW.	L4291LL	19B226709G2 19B226709G1	Jumper. (Includes L4292LL). Jumper. (Includes L4294H).			(Secures Filter Assembly).			
C4261LL	19A116952P47	Metallized teflon: 47 pf $\pm 2\%$, 250 VDCW.	L4291H L4292LL	19822070901	(Part of L4291LL).		19B201074P306	Tap screw, Phillips POZIDRIV®: No. 6-32 x 3/8. (Secures Filter Board and at Jumper between 75 Watt Module and Filter Board).			
C4261L	19A116952P37	Metallized teflon: 37 pf ±2%, 250 VDCW.	L4292H		(Part of L4291H).		19C321442P1	Insulator. (Located under 75 Watt Module).			
C4261M	19A116952P37 19A116952P33	Metallized teflon: 37 pf ±2%, 250 VDCW. Metallized teflon: 33 pf ±2%, 250 VDCW.]		JACKS AND RECEPTACLES		19C321441P1	Insulator. (Located under 20 Watt Module).			
C4261H C4264LL	19A116656P6J0	Ceramic disc: 6 pf ±0.5 pf, 500 VDCW, temp coef	J202	19A130924G1	Connector, receptacle: coaxial, jack type;		19B209502P1	Terminal, stud. (Located at C4280-C4282).			
		O PPM,	and J203		sim to Cinch 14H11613.		4036555P1	Insulator, washer: nylon. (Used with Q201).			1
C4264L	19A116656P5J0	Ceramic disc: 5 pf ±0.5 pf, 500 VDCW, temp coef 0 PPM.	J206 and	19A134263P2	Contact, electrical: sim to Selectro 229-1071.		N80P9005C6	Machine screw: No. 4-40 x 5/16. (Secures Q215).	1		
C4264M	19A134100P19	Ceramic disc: 1 pf ±0.1 pf, 100 VDCW.	J207				7141225P2 N402P35C6	Hex nut: No. 4-40. (Secures Q215). Washer, steel: No. 4. (Secures Q215).			
C4267*	19A116080P109	Polyester: 0.22 µf ±10%, 50 VDCW. Added by REV A.	J208	4033513P4	Contact, electrical: sim to Bead Chain 193-3.		19B201074P308	Tap screw, Phillips POZIDRIV®: No. 6-32 x 1/2.			
					RELAYS		7150186P115	(Secures Filter Board). Spacer. (Located at junction of W221 and W222).			
E4201	19A134263Pl	Contact, electrical: sim to Selectro 229-1082- 00-0-590.	K201	19B209558Pl	Hermetic sealed: 180 to 341 ohms coil res, 2 form C contacts, 8.0 to 16.3 VDC; sim to		11001001110				
G4211	19A134263Pl	Contact, electrical: sim to Selectro 229-1082- 00-0-590.			GE 3SAV1760A2.						
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PRODUCTION CHANGES

Changes in the equipment to improve performance or to simplify circuits are identified by a "Revision Letter", which is stamped after the model number of the unit. The revision stamped on the unit includes all previous revisions. Refer to the Parts List for descriptions of parts affected by these revisions.

REV. A - Power Amplifier Assembly 19D424888G9-G13 & G26-G30

To incorporate new low pass filter. Deleted 19C321424. Added 19C327024.

REV. A - 20-Watt Module 19C321347G2-G4

To improve power output at cold temperatures. Added CR204 and CR205.

REV. B - To improve power output. Changed Q203.

REV. C - To improve operation. Deleted C258. Added C252.

REV. D - To improve operation. Deleted C209 and R203. Changed R204.

REV. E - To improve operation. Changed C206.

REV. A - 20-Watt Module 19C321347G1

To improve operation. Added C209 and R203.

REV. B - To improve station operation. Changed C213.

REV. C - To improve operation. Changed C206.

REV. D - 20-Watt Module 19C321347G1

REV. F - 20-Watt Module 19C321347G2, 3 & 4

To decrease spurious outputs. Changed C207L, M and C209. Deleted C208L, M & H. Added R203 to Groups 2, 3 and 4.

REV. A - 75-Watt Module 19D423006G1-4

To improve operation. Added C4267.

REV. B - To improve performance. Changed R4209.