

LBI-31765A

MAINTENANCE MANUAL EXCITER/POWER AMPLIFIER CAH-281 FOR MLSH040

TWO-WAY MOBILE RADIO COMBINATIONS

TABLE OF CONTENTS	
	Page
DESCRIPTION	1
CIRCUIT ANALYSIS	1
OUTLINE DIAGRAM	
SCHEMATIC DIAGRAM	6
PARTS LIST	7
IC DATA SHEET	8

DESCRIPTION

Exciter/PA Board CAH-281 (A803) for the MLS VHF mobile radio combination provides 40 Watts of RF power in the 150.8 to 174 MHz frequency range and mounts in the back and bottom of the radio frame assembly as shown in Figure 1 - Exciter/PA Location. This Exciter/PA Board consists of an exciter circuit, a power amplifier circuit, antenna relay K1, a low-pass filter, Automatic Power Control circuitry (APC), a voltage regulator and a 9-Volt transmitter switch circuit (refer to Figure 2 - Block Diagram).

The exciter circuit consists of transistors TR101 and TR103 plus and attenuator at the input and a low-pass filter circuit at the output.

The power amplifier circuit consists of an attenuator circuit at the input, DRIVER POWER module HC1 (M57719-37A), PA transistor TR1 and a low-pass filter on the output. The output of the PA connects through ANTENNA SWITCH K1 to the input of the low-pass filter. The ANTENNA SWITCH (relay K1) is also part of circuit board A803.

The APC circuitry consists of 9-Volt SWITCH transistor TR104, POWER DETECTOR CIRCUIT capacitor CD1 and resistor R9, THERMAL DETECT CIRCUIT transistors TR3 and TR4, DC DRIVER transistor TR5, DC PASS transistor TR6 and SMOOTHER transistor TR2.

The transmit switch circuitry consists of 9-Volt regulator IC101 and EX9V SWITCH transistor TR104.

CIRCUIT ANALYSIS

9-Volt Regulator

The 9-Volt regulator operates from the switched A+ (13.6 volts) line. The regulator circuit consists of 9-Volt regulator IC101 and EX9-volt Switch transistor TR104. Switches are controlled by the TX ENBL lead from System Control & Synthesizer Board A801 (refer to Maintenance Manual LBI-31767).

When the TX ENBL lead is activated (DPTT keyed), transistor switch TR104 turns on and applies the regulated output of IC101 to exciter amplifier transistors TR101 and TR103.

Exciter

The exciter input from the synthesizer circuit is coupled through attenuator circuit (resistors an R101-R103) which provides approximately 3 dB attenuation. This attenuated input is coupled to the input of two RF amplifier stages transistor TR101 and TR103 to provide 400 milliwatts drive to DRIVER POWER MODULE HC1.

40-Watt PA

The 40-Watt PA uses 3 dB attenuator (resistors R1-R3), DRIVER POWER MODULE HC1 and PA transistor TR1 to provide the 40-Watts of RF power output.

DRIVER POWER MODULE HC1 contains two broadband amplifiers. The Automatic Power Control (APC) circuit supplies voltage to the first amplifier. Continuous 13.6 Volts is supplied to the



second amplifier. The output of the HC1 is coupled through SMOOTHER transistor TR2 through a 50-ohm impedance matching network consisting of capacitors C8 through C17, capacitor C24, inductors L2 and L3, resistor R22 and a stripline (printed wire pattern) to the base of Class C amplifier TR1.

The PA output is matched to antenna connector J2 through antenna relay K1 and low-pass filter (inductors L8-L10, capacitors C35-C39 and capacitor C42). The continuous 13.6 volt A+ source voltage is applied to transistor TR1 through inductors L4 and L5.

Antenna Relay

Antenna Relay <u>K1</u> is controlled by the delayed PTT (DPTT) output of the System Control/Synthesizer Board. When the DPTT output goes low, Antenna Relay K1 picks up and couples the PA output through the low-pass filter to Antenna Connector J2.

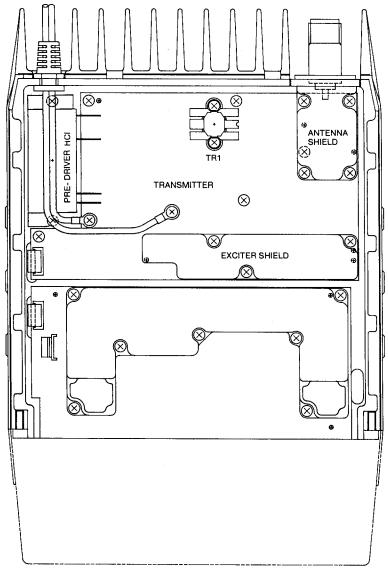
APC Circuits

Automatic Power Control (APC) circuit protects the transmitter PA from damage due to excessive output power, reflected power or temperature. The output power control circuit allows the RF output power to be set at the rated output by power adjust control RV1. If the output power of the PA increases, the detected voltage and the base input of transistor TR3 in the Thermal Detect circuit increases and the collector voltage decreases. This causes the DC Driver transistor TR5 to conduct less. Transistor TR5 conducting less increases the base voltage on PNP DC Pass transistor TR6, causing it to conduct less. This results in less voltage being applied to the first amplifier stage in the POWER DRIVER MODULE HC1, reducing the power output of the driver/PA in proportion to the increase in output power detected by the circuit.

To protect the PA against badly mismatched loads, a reverse power (VSWR) detector consisting of diode CD10, transistors TR3, TR5 and DC Pass transistor TR6 detect reverse (reflected) power. When sufficient power is detected by CD10, to cause TR3 to conduct, the voltage at the collector of TR6 decreases, causing the driver/PA module to lower the output power, protecting the PA. The reverse power level is set by resistor R20.

The PA is protected against temperature increases by thermal detector circuit consisting of resistor R18 and transistors TR3, TR4, TR5 and TR6. As the temperature increases resistance to ground of thermal detector R18 increases. This causes TR6 to conduct less, causing a decrease in the PA output until the temperature is reduced. The temperature level is set by resistor R14 located in the collector circuit of transistor TR4.

2



.

RC-5419A

Figure 1 - Exciter/PA Location (Bottom View)

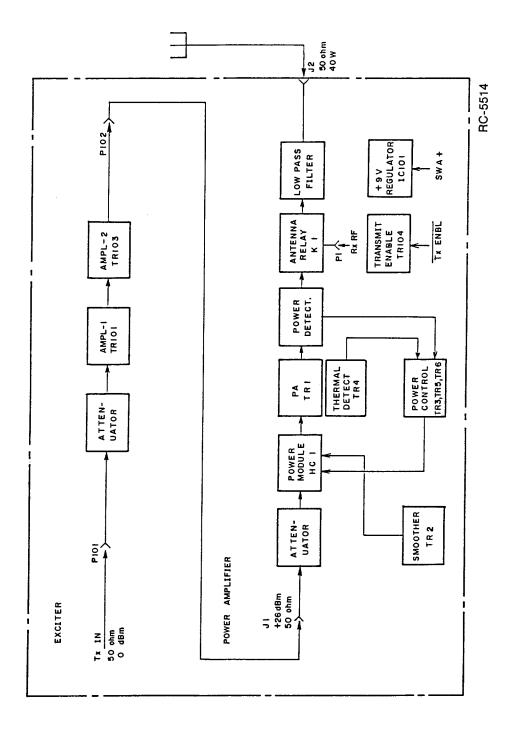
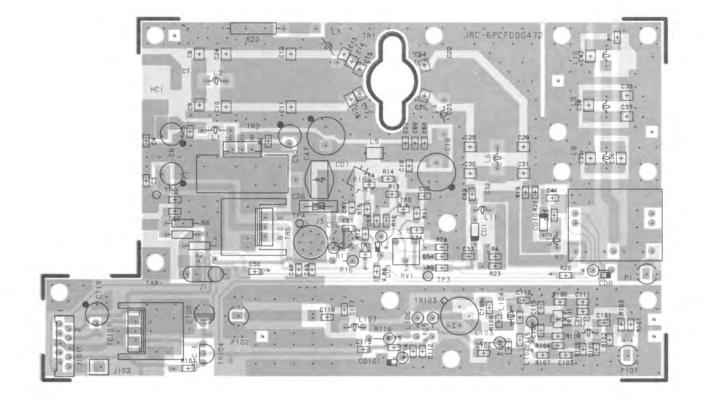


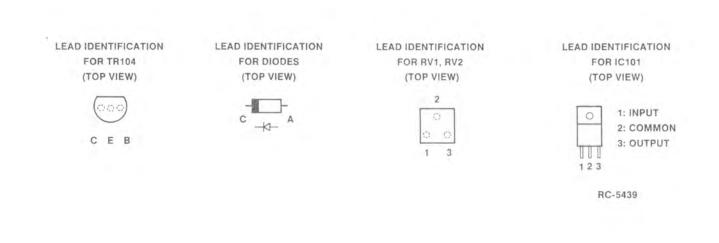
Figure 2 - Block Diagram

GENERAL ELECTRIC COMPANY • MOBILE COMMUNICATIONS DIVISION WORLD HEADQUARTERS • LYNCHBURG, VIRGINIA 24502 U.S.A.



* Trademark of General Electric Company U.S.A. Printed in U.S.A.



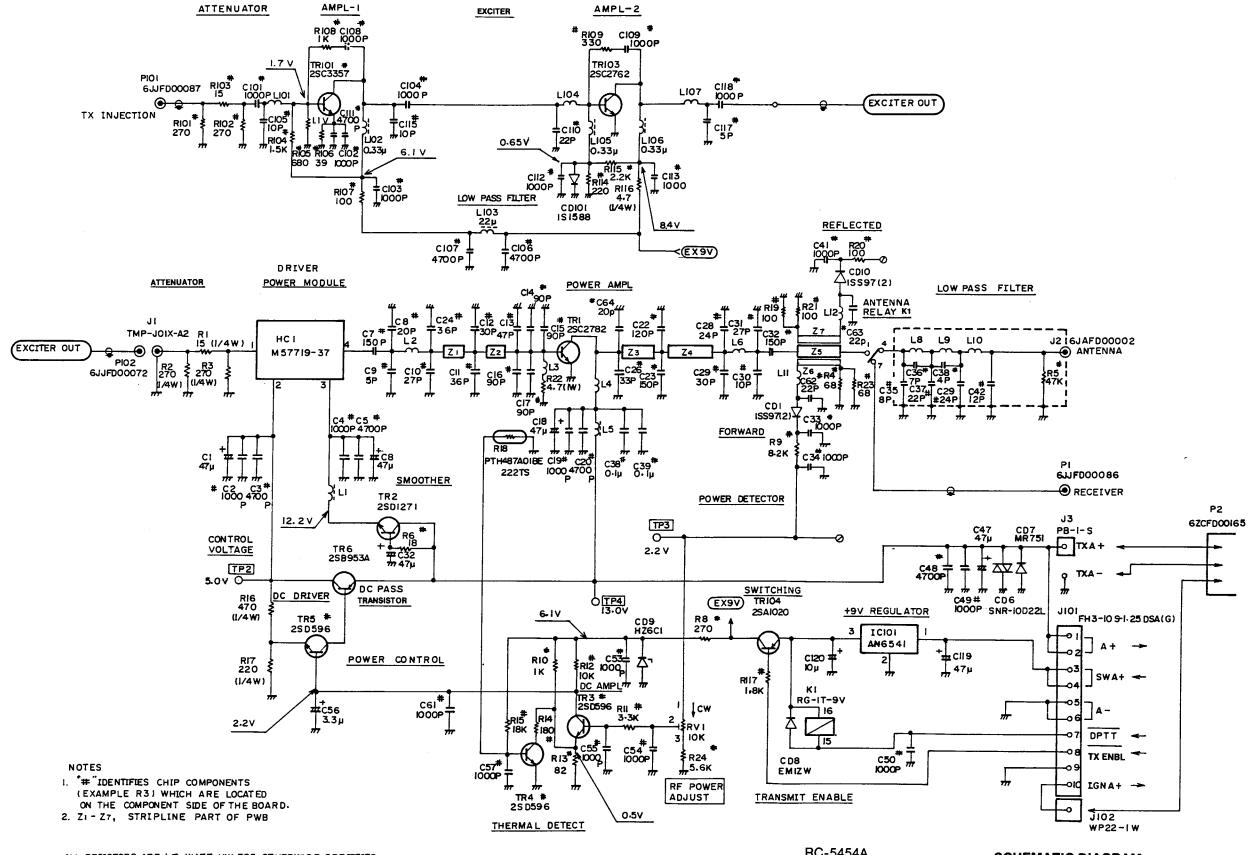




OUTLINE DIAGRAM

Exciter/PA Board Issue 2 5

LBI-31765



ALL RESISTORS ARE 1/8 WATT UNLESS OTHERWISE SPECIFIED. RESISTOR VALUES IN A UNLESS FOLLOWED BY MULTIPLIER K OR M. CAPACITOR VALUES IN F UNLESS FOLLOWED BY MULTIPLIER H, OR P INDUCTANCE VALUES IN H UNLESS FOLLOWED BY MULTIPLIER m OR H. RC-5454A

SCHEMATIC DIAGRAM 150-174MHz TRANSMITTER DDOO - CAH - 281

PARTS LIST

EXCITER/PA BOARD JRC/CAH-281 ISSUE 2

•

PPM.C13JRC/5CMAB01226Mica: 47 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C14 thruJRC/5CMAB01283Mica: 90 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPMC18JRC/5CEAAD0439Electrolytic: 47 uF, $\pm 20\%$, 40 VDCW.C19JRC/5CAAD00782Ceramic: 1000 pF $\pm 5\%$, 50 VDCW, temp coef ± 350 C20JRC/5CAAD01297Ceramic: 4700 pF $\pm 5\%$, 50 VDCW, temp coef $\pm 10\%$.C21JRC/5CMAB01439Mica: 120 pF $\pm 5\%$, 500 VDCW, temp coef ± 100 C22JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 C24JRC/5CMAB01421Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 C26JRC/5CMAB01217Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 C28JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C29JRC/5CMAB0121Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C30JRC/5CMAB01121Mica: 27 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C31JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 C32JRC/5CMAB01471Mica: 27 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C33JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 C34JRC/5CMAB01149Mica: 18 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C35JRC/5CMAB01112Mica: 18 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C36JRC/5CMAB01129Mica: 7 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C37JRC/5CMAB01129Mica: 22 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C38JRC/5CMAB01	SYMBOL	GE PART NO.	DESCRIPTION
C1 JRC/SCEAA01817 Electrolytic: 47 uP ±205, 50 VDCW. C2 JRC/SCAA000782 Ceramic: 4700 pP ±5%, 50 VDCW, temp coef ±350 -1000 pPM. C3 JRC/SCAA001287 Ceramic: 4700 pP ±5%, 50 VDCW, temp coef ±10%. C4 JRC/SCAA01287 Ceramic: 4700 pP ±5%, 50 VDCW, temp coef ±10%. C5 JRC/SCAA01287 Ceramic: 4700 pP ±5%, 50 VDCW, temp coef ±10%. C6 JRC/SCAA01287 Ceramic: 4700 pP ±5%, 50 VDCW, temp coef ±100. C6 JRC/SCAA01471 Mica: 150 pP ±5%, 500 VDCW, temp coef 0 ±200 C7 JRC/SCAA001491 Mica: 20 pP ±0.5 pP, 500 VDCW, temp coef 0 ±200 C8 JRC/SCMAB01113 Mica: 30 pP ±0.5 pP, 500 VDCW, temp coef 0 ±200 C10 JRC/SCMAB01492 Mica: 30 pP ±0.5 pP, 500 VDCW, temp coef 0 ±200 C11 JRC/SCMAB01283 Mica: 30 pP ±0.5 pP, 500 VDCW, temp coef 0 ±200 PPM C12 JRC/SCMAB01283 Mica: 90 pP ±5%, 50 VDCW, temp coef 0 ±200 PPM C14 JRC/SCMAB01283 Mica: 90 pP ±5%, 50 VDCW, temp coef 0 ±200 PPM C17 JRC/SCMAB01283 Mica: 90 pP ±5%, 50 VDCW, temp coef 0 ±200 PPM C12 JRC/SCMAB01283 Mica: 100 pP ±5%, 50 VDCW, temp coef 0 ±200 PPM			
C2 JRC/SCAAD00782 Ceramic: 1000 PP ±5%, 50 VDCW, temp coef +350 -1000 PPM. C3 JRC/SCAAD01207 Ceramic: 4700 pF ±5%, 50 VDCW, temp coef ±10%. C4 JRC/SCAAD01277 Ceramic: 1000 pP ±5%, 50 VDCW, temp coef ±10%. C5 JRC/SCAAD01277 Ceramic: 4700 pF ±5%, 50 VDCW, temp coef ±10%. C6 JRC/SCAAD01477 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 C7 JRC/SCAAD01471 Mica: 150 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C8 JRC/SCMAB01465 Mica: 20 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C9 JRC/SCMAB01174 Mica: 36 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C10 JRC/SCMAB01285 Mica: 36 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C11 JRC/SCMAB01285 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C12 JRC/SCMAB01285 Mica: 47 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C13 JRC/SCMAB01285 Mica: 90 pF ±5%, 50 VDCW, temp coef 0 ±200 C14 JRC/SCMAB01285 Mica: 90 pF ±5%, 50 VDCW, temp coef 0 ±200 C12 JRC/SCMAB01287 Ceramic: 1000 PF ±5%, 50 VDCW, temp coef 0 ±200 C20 JRC/SCMAB01387 Rica: 100 PF ±5%, 50 VDCW, temp coef 0 ±200 <t< td=""><td>0</td><td>JBC/5CEAA01817</td><td></td></t<>	0	JBC/5CEAA01817	
C3JRC/5CAAD01297Ceramic: 4700 pF \pm 5%, 50 VDCW, temp coef \pm 10%.C4JRC/5CAAD00782Ceramic: 4700 pF \pm 5%, 50 VDCW, temp coef \pm 350C5JRC/5CAAD01297Ceramic: 4700 pF \pm 5%, 50 VDCW, temp coef \pm 10%.C6JRC/5CAAD01297Relectrolytic: 47 uF \pm 20%, 50 VDCW, temp coef \pm 100C7JRC/5CMAB01471Mica: 10 pF \pm 5%, 500 VDCW, temp coef \pm 200C8JRC/5CMAB01133Mica: 20 pF \pm 0.5 pF, 500 VDCW, temp coef \pm 200C9JRC/5CMAB01133Mica: 27 pF \pm 0.5 pF, 500 VDCW, temp coef \pm 200C10JRC/5CMAB01174Mica: 36 pF \pm 0.5 pF, 500 VDCW, temp coef \pm 200C11JRC/5CMAB01226Mica: 30 pF \pm 0.5 pF, 500 VDCW, temp coef \pm 200C12JRC/5CMAB01283Mica: 47 pF \pm 0.5 pF, 500 VDCW, temp coef \pm 200C13JRC/5CMAB01285Mica: 47 pF \pm 0.5 pF, 500 VDCW, temp coef \pm 200C14thruJRC/5CMAB01283Mica: 47 pF \pm 0.5 pF, 500 VDCW, temp coef \pm 200 PPM.C18JRC/5CMAB01285Mica: 100 pF \pm 5%, 500 VDCW, temp coef \pm 200 PPM.C20JRC/5CAAD00792Ceramic: 1000 pF \pm 5%, 500 VDCW, temp coef \pm 200 PPM.C21JRC/5CMAB01421Mica: 120 PF \pm 5%, 500 VDCW, temp coef \pm 200 PPM.C22JRC/5CMAB01421Mica: 36 pF \pm 5%, 500 VDCW, temp coef \pm 200 PPM.C23JRC/5CMAB01421Mica: 36 pF \pm 5%, 500 VDCW, temp coef \pm 200 PPM.C24JRC/5CMAB01211Mica: 36 pF \pm 5%, 500 VDCW, temp coef \pm 200 PPM.C25JRC/5CMAB01227Mica: 36 pF \pm 5%, 500 VDCW, temp coef \pm 200 PPM.C30JRC/5CMAB01227Mica: 100 pF \pm 5%, 500 VDCW			Ceramic: 1000 pF <u>+</u> 5%, 50 VDCW, temp coef +350
C4 JRC/5CAAD00782 Ceramic: 1000 pP ±5%, 50 VDCW, temp coef ±350 C5 JRC/5CAAD01297 Ceramic: 4700 pF ±5%, 50 VDCW, temp coef ±10%. C6 JRC/5CMAB01471 Hica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 C7 JRC/5CMAB01451 Hicar: 150 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C8 JRC/5CMAB01113 Hica: 20 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C9 JRC/5CMAB01174 Hica: 36 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C10 JRC/5CMAB01174 Hica: 36 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C11 JRC/5CMAB01286 Hica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C12 JRC/5CMAB01286 Hica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C13 JRC/5CMAB01286 Hica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 C14 JRC/5CMAB01287 Ceramic: 1000 pF ±5%, 500 VDCW, temp coef 0 ±200 C14 JRC/5CMAB01288 Hica: 100 pF ±5%, 500 VDCW, temp coef 0 ±200 C14 JRC/5CMAB01288 Hica: 120 pF ±5%, 500 VDCW, temp coef 0 ±200 C14 JRC/5CMAB01287 Ceramic: 1000 pF ±5%, 500 VDCW, temp coef 0 ±100 C22 JRC/5CMAB01271 Hica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 C23 JRC/5CMAB01211 Hica: 30 pF ±0.5	63	IBC (5CAAD01297	
C5 JRC/SCAAD01297 Ceramic: 4700 pF \pm 5%, 50 VDCW, temp coef \pm 10%. C6 JRC/SCEAA01817 Bicatrolytic: 47 uF \pm 20%, 50 VDCW. C7 JRC/SCEAA01471 Mica: 150 pF \pm 5%, 500 VDCW, temp coef 0 \pm 100 C8 JRC/SCEAAB01465 Mica: 20 pF \pm 0.5 pF, 500 VDCW, temp coef 0 \pm 200 C9 JRC/SCEAAB01113 Mica: 5 pF \pm 0.25 pF, 500 VDCW, temp coef 0 \pm 200 C10 JRC/SCEAB01174 Mica: 27 pF \pm 0.5 pF, 500 VDCW, temp coef 0 \pm 200 C11 JRC/SCEAB01492 Mica: 36 pF \pm 0.5 pF, 500 VDCW, temp coef 0 \pm 200 C12 JRC/SCEAB01226 Mica: 30 pF \pm 0.5 pF, 500 VDCW, temp coef 0 \pm 200 C13 JRC/SCEAB01228 Mica: 30 pF \pm 0.5 pF, 500 VDCW, temp coef 0 \pm 200 C14 JRC/SCEAB01283 Mica: 40 pF \pm 5%, 500 VDCW, temp coef 0 \pm 200 PFM. C18 JRC/SCEAA00439 Electrolytic: 47 uF, \pm 20%, 40 VDCW. C20 JRC/SCEAA001297 Ceramic: 1000 pF \pm 5%, 500 VDCW, temp coef 0 \pm 100 C21 JRC/SCEAA00139 Mica: 120 pF \pm 5%, 500 VDCW, temp coef 0 \pm 100 C22 JRC/SCEAA001439 Mica: 130 pF \pm 5%, 500 VDCW, temp coef 0 \pm 200 C23 JRC/SCEAA001439 Mica: 120 pF \pm 5%, 500 VDCW, te			Ceramic: 1000 pF ±5%, 50 VDCW, temp coef +350
C6 JRC/SCRAA01817 Electrolytic: 47 uF 220%, 50 VDCW. C7 JRC/SCMAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C8 JRC/SCMAB01465 Mica: 20 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C9 JRC/SCMAB01405 Mica: 27 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C10 JRC/SCMAB01174 Mica: 36 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C11 JRC/SCMAB01492 Mica: 36 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C12 JRC/SCMAB01226 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C13 JRC/SCMAB01283 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C14 JRC/SCMAB01286 Mica: 90 pF ±5%, 500 VDCW, temp coef 0 ±200 PPM. C15 JRC/SCMAB01287 Mica: 100 pF ±5%, 500 VDCW, temp coef 0 ±200 PPM. C16 JRC/SCAAD0139 Electrolytic: 47 uF, ±20%, 40 VDCW. C17 JRC/SCAAD01439 Kica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C20 JRC/SCMAB01421 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C21 JRC/SCMAB01421 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C22 JRC/SCMAB01421 Mica: 30 pF ±0.5 pF, 500 VDCW, temp co	C5	JBC/5CAAD01297	
C7 JRC/SCMAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C8 JRC/SCMAB01465 Mica: 20 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C9 JRC/SCMAB01131 Mica: 27 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C10 JRC/SCMAB01174 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C11 JRC/SCMAB01174 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C12 JRC/SCMAB01263 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C13 JRC/SCMAB01283 Mica: 90 pF ±5%, 500 VDCW, temp coef 0 ±200 PPM. C14 JRC/SCMAB01283 Mica: 90 pF ±5%, 500 VDCW, temp coef 0 ±200 PPM. C17 C18 JRC/SCMAB01283 Mica: 100 pF ±5%, 500 VDCW, temp coef 0 ±200 PPM. C19 JRC/SCMAB01471 Mica: 120 pF ±5%, 500 VDCW, temp coef 0 ±200 PPM. C20 JRC/SCMAB01471 Mica: 120 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C21 JRC/SCMAB01471 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C22 JRC/SCMAB01471 Mica: 120 pF ±5%, 500 VDCW, temp coef 0 ±200 PPM. C23 JRC/SCMAB01471 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C24 JRC/SCMAB01421 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM.			
C8 JRC/SCMAB01455 Mica: 20 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C9 JRC/SCMAB01113 Wica: 5 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM. C10 JRC/SCMAB01055 Mica: 27 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C11 JRC/SCMAB01174 Mica: 36 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C12 JRC/SCMAB01266 Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C13 JRC/SCMAB01283 Mica: 47 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C14 JRC/SCMAB01283 Mica: 90 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM C17 C18 JRC/SCEAA00439 Electrolytic: 47 uF, $\pm 20\%$, 40 VDCW. C19 JRC/SCAAD01297 Ceramic: 1000 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 C20 JRC/SCMAB01421 Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 C21 JRC/SCMAB01421 Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 C22 JRC/SCMAB01421 Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 C23 JRC/SCMAB01211 Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C24 JRC/SCMAB01227 Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C30			Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100
C9 JRC/5CMAB01113 Mica: 5 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM. C10 JRC/5CMAB01095 Mica: 27 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C11 JRC/5CMAB01492 Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C12 JRC/5CMAB01492 Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C13 JRC/5CMAB01226 Mica: 47 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C14 JRC/5CMAB01283 Mica: 47 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM C14 JRC/5CMAB01283 Mica: 47 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM C14 JRC/5CMAB01283 Mica: 100 pF ± 53 , 500 VDCW, temp coef 0 ± 200 PPM C19 JRC/5CAAD00782 Ceramic: 1000 PF ± 53 , 500 VDCW, temp coef 0 ± 100 PPM. C20 JRC/5CMAB01439 Mica: 120 pF ± 53 , 500 VDCW, temp coef 0 ± 100 PPM. C23 JRC/5CMAB01421 Mica: 36 pF ± 53 , 500 VDCW, temp coef 0 ± 200 PPM. C24 JRC/5CMAB01421 Mica: 33 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C28 JRC/5CMAB01227 Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM. C30 JRC/5CMAB01227 Mica: 120 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM	C8	JRC/5CMAB01465	Mica: 20 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200
C10JRC/5CMAB01095Mica: PPM.27 pP ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C11JRC/5CMAB01174Mica: Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C12JRC/5CMAB01226Mica: Mica: AT pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C13JRC/5CMAB01226Mica: Mica: 47 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C14 thru C17JRC/5CMAB01283Mica: Hica: 47 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C18 C19 C19 JRC/5CAAD00782Electrolytic: Ceramic: 1000 pF $\pm 5\%$, 50 VDCW, temp coef 0 ± 100 PPM.C20 C21 C22 JRC/5CMAB01439 JRC/5CMAB01439Mica: Hica: 120 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.C23 C24 C25 JRC/5CMAB01471 PPM.Mica: Nica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C24 C25 C26 JRC/5CMAB014121 PPM.Mica: Nica: Nica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C26 C27 C30 JRC/5CMAB01492 Mica: C30 JRC/5CMAB01492Mica: Nica: Nica: S0 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C31 C32 C33 C33 C33 C33 C33 C34 C34JRC/5CMAB01211 Mica: Nica: Nica: S0 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C33 C34 C35 C35JRC/5CMAB01121 Mica: Nica: S0 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C34 C35 C35 C35 C36 <br< td=""><td>C9</td><td>JRC/5CMAB01113</td><td>Mica: 5 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200</td></br<>	C9	JRC/5CMAB01113	Mica: 5 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200
PPM.C12JRC/5CMAB01492Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C13JRC/5CMAB01226Mica: 47 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C14 thruJRC/5CMAB01283Mica: 90 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C18JRC/5CAAD0039Electrolytic: 47 uF, $\pm 20\%$, 40 VDCW.C19JRC/5CAAD00782Ceramic: 1000 pF $\pm 5\%$, 50 VDCW, temp coef $\pm 10\%$.C20JRC/5CAAD01297Ceramic: 4700 pF $\pm 5\%$, 50 VDCW, temp coef 0 ± 100 PPM.C21JRC/5CMAB01439Mica: 120 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.C22JRC/5CMAB01471Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.C24JRC/5CMAB01221Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C26JRC/5CMAB01227Mica: 33 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C28JRC/5CMAB01227Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C30JRC/5CMAB01421Mica: 10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C31JRC/5CMAB01211Mica: 27 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C32JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C33 and and C33 and C34JRC/5CMAB01114Mica: 160 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C36 C37JRC/5CMAB01127Mica: 2 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C36 C37JRC/5CMAB01172Mica: 2 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C38 C39JRC/5CMAB01397Mica	C10	JRC/5CMAB01095	
PPM.C13JRC/5CMAB01226Mica: 47 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C14 thru C17JRC/5CMAB01283Mica: 90 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPMC18JRC/5CEAA00439Electrolytic: 47 uF, $\pm 20\%$, 40 VDCW.C19JRC/5CAAD01287Ceramic: 1000 pF $\pm 5\%$, 50 VDCW, temp coef ± 350 -1000 PPM.C20JRC/5CAAD01287Ceramic: 4700 pF $\pm 5\%$, 50 VDCW, temp coef $\pm 10\%$.C21JRC/5CAAD01287Ceramic: 4700 pF $\pm 5\%$, 500 VDCW, temp coef $\pm 10\%$.C22JRC/5CMAB01439Mica: 120 pF $\pm 5\%$, 500 VDCW, temp coef $\pm 10\%$.C23JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef ± 200 PPM.C26JRC/5CMAB01211Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef ± 200 PPM.C28JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef ± 200 PPM.C30JRC/5CMAB01492Mica: .10 pF ± 0.25 pF, 500 VDCW, temp coef ± 200 PPM.C31JRC/5CMAB01095Mica: .27 pF ± 0.5 pF, 500 VDCW, temp coef ± 200 PPM.C32JRC/5CMAB01471Mica: .150 pF $\pm 5\%$, 500 VDCW, temp coef ± 200 PPM.C33JRC/5CMAB01471Mica: .150 pF $\pm 5\%$, 500 VDCW, temp coef ± 200 PPM.C34JRC/5CMAB01471Mica: 8 pF ± 0.25 pF, 500 VDCW, temp coef ± 200 PPM.C35JRC/5CMAB01114Mica: A pF ± 0.25 pF, 500 VDCW, temp coef ± 200 PPM.C36JRC/5CMAB01129Mica: 22 pF ± 0.5 pF, 500 VDCW, temp coef ± 200 PPM.C37JRC/5CMAB01129Mica: 22 pF ± 0.5 pF, 500 VDCW, temp coef ± 200 PPM.C38<	C11	JRC/5CMAB01174	Mica: 36 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200
PPM.C14 thru C17JRC/5CMAB01283Mica:90 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPMC18 C19JRC/5CEAA00439Electrolytic:47 uF, $\pm 20\%$, 40 VDCW.C19JRC/5CEAA00297Ceramic:1000 pF $\pm 5\%$, 50 VDCW, temp coef $\pm 10\%$ C20JRC/5CAAD01297Ceramic:120 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.Mica:C23JRC/5CMAB01439Mica:150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.Nica:C24JRC/5CMAB01442Mica:36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 C26JRC/5CMAB01211Mica:36 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.33 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C28JRC/5CMAB01227Mica:30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C29JRC/5CMAB01492Mica:.10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.PPM.C30JRC/5CMAB01121Mica:10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.PPM.C31JRC/5CAAD00782Caramic:1000 pF $\pm 5\%$, 50 VDCW, temp coef 0 ± 200 PPM.PPM.C35JRC/5CMAB01114Mica:8 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.PPM.C36JRC/5CMAB01122Mica:2 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.PPM.C36JRC/5CMAB01172Mica:2 pF ± 0.5 pF, 500 V	C12	JRC/5CMAB01492	
thru C17JRC/5CEAA00439Electrolytic: 47 uF, $\pm 20\%$, 40 VDCW.C19JRC/5CAAD00782Ceramic: 1000 pF $\pm 5\%$, 50 VDCW, temp coef ± 350 ± 1000 PPM.C20JRC/5CAAD01297Ceramic: 4700 pF $\pm 5\%$, 50 VDCW, temp coef $\pm 10\%$.C22JRC/5CMAB01439Mica: 120 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.C23JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C24JRC/5CMAB01421Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C26JRC/5CMAB01217Mica: 33 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C28JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C30JRC/5CMAB01421Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C31JRC/5CMAB01121Mica: 10 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C32JRC/5CMAB01121Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C33JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C34JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C35JRC/5CMAB01114Mica: 18 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C36JRC/5CMAB01129Mica: 7 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C37JRC/5CMAB01129Mica: 22 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C38JRC/5CMAB01397Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C39JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 <td>C13</td> <td>JRC/5CMAB01226</td> <td></td>	C13	JRC/5CMAB01226	
C19JRC/5CAAD00782Ceramic: 1000 pF $\pm 5\%$, 50 VDCW, temp coef ± 350 ± 1000 PFM.C20JRC/5CAAD01297Ceramic: 4700 pF $\pm 5\%$, 50 VDCW, temp coef $\pm 10\%$.C22JRC/5CMAB01439Mica: 120 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PFM.C23JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PFW.C24JRC/5CMAB01442Nica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PFW.C26JRC/5CMAB01211Mica: 33 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PFM.C28JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PFM.C30JRC/5CMAB01492Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PFM.C31JRC/5CMAB01121Mica: 10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PFM.C32JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PFM.C33JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PFM.C34JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PFM.C35JRC/5CMAB01114Mica: 1000 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PFM.C36JRC/5CMAB01112Mica: 7 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PFM.C37JRC/5CMAB01129Mica: 7 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PFM.C38JRC/5CMAB01397Mica: 4 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PFM.C39JRC/5CMAB01327Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PFM.	thru	JRC/5CMAB01283	Mica: 90 pF <u>+</u> 5%, 500 VDCW, temp coef 0 <u>+</u> 200 PPM
-1000 PPM.C20JRC/5CAAD01297Ceramic: 4700 pF $\pm 5\%$, 50 VDCW, temp coef $\pm 10\%$.C21JRC/5CMAB01439Mica: 120 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.C23JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.C24JRC/5CMAB01442Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPMC26JRC/5CMAB01211Mica: 33 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C28JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C29JRC/5CMAB01492Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C30JRC/5CMAB01121Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C31JRC/5CMAB01121Mica: 10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C32JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C33JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C34JRC/5CMAB01114Mica: 180 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C35JRC/5CMAB01114Mica: 7 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C36JRC/5CMAB01129Mica: 7 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C37JRC/5CMAB01129Mica: 22 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C38JRC/5CMAB01397Mica: 4 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C39JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200	C18	JRC/5CEAA00439	Electrolytic: 47 uF, ±20%, 40 VDCW.
C22JRC/5CMAB01439Mica:120 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.C23JRC/5CMAB01471Mica:150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C24JRC/5CMAB01442Mica:36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C26JRC/5CMAB01211Mica:33 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C28JRC/5CMAB01227Mica:24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C29JRC/5CMAB01492Mica:30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C30JRC/5CMAB01121Mica:10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C31JRC/5CMAB01121Mica:10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C32JRC/5CMAB01471Mica:150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C33JRC/5CMAB01471Mica:150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.C34JRC/5CMAB01141Mica:8 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C36JRC/5CMAB01114Mica:8 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C37JRC/5CMAB01129Mica:7 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C38JRC/5CMAB01397Mica:4 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C39JRC/5CMAB01227Mica:24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.	C19	JRC/5CAAD00782	
PPM.C23JRC/5CMAB01471Mica:150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 C24JRC/5CMAB01442Mica:36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPMC26JRC/5CMAB01211Mica:33 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C28JRC/5CMAB01227Mica:24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C29JRC/5CMAB01492Mica:30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C30JRC/5CMAB01121Mica:.10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C31JRC/5CMAB01095Mica:.7 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C32JRC/5CMAB01471Mica:150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 C33JRC/5CMAB01471Mica:150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 C34JRC/5CMAB01114Mica:8 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C36JRC/5CMAB01114Mica:8 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C37JRC/5CMAB01129Mica:7 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C38JRC/5CMAB01397Mica:4 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C39JRC/5CMAB01227Mica:24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200	C20	JRC/5CAAD01297	Ceramic: 4700 pF ±5%, 50 VDCW, temp coef ±10%.
PPM.C24JRC/5CMAB01442Mica: 36 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPMC26JRC/5CMAB01211Mica: 33 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C28JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C29JRC/5CMAB01492Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C30JRC/5CMAB01121Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C31JRC/5CMAB01121Mica: 10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C31JRC/5CMAB01095Mica: 27 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C32JRC/5CMAB01471Mica: 150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 C33JRC/5CAAD00782Ceramic: 1000 pF $\pm 5\%$, 500 VDCW, temp coef ± 350 c34JRC/5CMAB01114Mica: 8 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C36JRC/5CMAB01129Mica: 7 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C37JRC/5CMAB01129Mica: 7 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 C38JRC/5CMAB01397Mica: 4 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 C39JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200	C22	JRC/5CMAB01439	
C26JRC/5CMAB01211Mica:33 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C28JRC/5CMAB01227Mica:24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C29JRC/5CMAB01492Mica:30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C30JRC/5CMAB01121Mica:30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C31JRC/5CMAB01095Mica:27 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C32JRC/5CMAB01471Mica:150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.C33JRC/5CMAB01471Mica:150 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 100 PPM.C33JRC/5CMAB01471Mica:1000 pF $\pm 5\%$, 500 VDCW, temp coef 0 ± 200 PPM.C33JRC/5CMAB01114Mica:8 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C36JRC/5CMAB011129Mica:7 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C37JRC/5CMAB01172Mica:2 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C38JRC/5CMAB01397Mica:4 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C39JRC/5CMAB01227Mica:24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200	C23	JRC/5CMAB01471	
PPM.C28JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C29JRC/5CMAB01492Mica: 30 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C30JRC/5CMAB01121Mica: 10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C31JRC/5CMAB01095Mica: 27 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C32JRC/5CMAB01471Mica: 150 pF ± 5.5 , 500 VDCW, temp coef 0 ± 100 PPM.C33JRC/5CMAB01471Mica: 150 pF ± 5.5 , 500 VDCW, temp coef 0 ± 100 PPM.C33JRC/5CMAB01471Mica: 1000 pF ± 5.5 , 500 VDCW, temp coef 0 ± 100 PPM.C35JRC/5CMAB01114Mica: 8 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C36JRC/5CMAB01129Mica: 7 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C37JRC/5CMAB01172Mica: 22 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200 PPM.C38JRC/5CMAB01397Mica: 4 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.C39JRC/5CMAB01227Mica: 24 pF ± 0.5 pF, 500 VDCW, temp coef 0 ± 200	C24	JRC/5CMAB01442	Mica: 36 pF <u>+</u> 5%, 500 VDCW, temp coef 0 <u>+</u> 200 PPM
PPM. C29 JRC/5CMAB01492 Mica: 30 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C30 JRC/5CMAB01121 Mica: 10 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C31 JRC/5CMAB01095 Mica: 27 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C32 JRC/5CMAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C33 JRC/5CMAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C33 JRC/5CMAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C33 JRC/5CMAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±200 PPM. C34 JRC/5CMAB01114 Mica: 8 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C35 JRC/5CMAB01129 Mica: 7 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C37 JRC/5CMAB01172 Mica: 22 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C38 JRC/5CMAB01397 Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM.	C26	JRC/5CMAB01211	
C30 JRC/5CWAB01121 Mica: ,10 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C31 JRC/5CWAB01095 Mica: 27 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C32 JRC/5CWAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C33 JRC/5CMAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C33 JRC/5CMAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C33 JRC/5CMAB0172 Ceramic: 1000 pF ±5%, 500 VDCW, temp coef +350 -1000 PPM. C35 JRC/5CWAB01114 Mica: 8 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C36 JRC/5CWAB01129 Mica: 7 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C37 JRC/5CWAB01172 Mica: 22 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C38 JRC/5CWAB01397 Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200	C28	JRC/5CMAB01227	
C31 JRC/5CMAB01095 Mica: 27 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C32 JRC/5CMAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C33 JRC/5CAAD00782 Ceramic: 1000 pF ±5%, 50 VDCW, temp coef 0 ±100 PPM. C35 JRC/5CMAB01114 Mica: 8 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C36 JRC/5CMAB01129 Mica: 7 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C37 JRC/5CMAB01172 Mica: 22 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C38 JRC/5CMAB01397 Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200	C29	JRC/5CMAB01492	
C32 JRC/5CMAB01471 Mica: 150 pF ±5%, 500 VDCW, temp coef 0 ±100 PPM. C33 JRC/5CAAD00782 Ceramic: 1000 pF ±5%, 50 VDCW, temp coef *350 -1000 PPM. C34 JRC/5CMAB01114 Mica: 8 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C36 JRC/5CMAB01129 Mica: 7 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C37 JRC/5CMAB01172 Mica: 22 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C38 JRC/5CMAB01397 Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200	C30	JRC/5CMAB01121	Mica: ,10 pF ± 0.25 pF, 500 VDCW, temp coef 0 ± 200 PPM.
C33 and C34 JRC/5CAAD00782 Ceramic: 1000 pF ±5%, 50 VDCW, temp coef +350 -1000 PPM. C35 JRC/5CMAB01114 Mica: 8 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C36 JRC/5CMAB01129 Mica: 7 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C37 JRC/5CMAB01172 Mica: 22 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C38 JRC/5CMAB01397 Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200	C31	JRC/5CMAB01095	Mica: 27 pF \pm 0.5 pF, 500 VDCW, temp coef 0 \pm 200 PPM.
and C34 -1000 PPM. C35 JRC/5CMAB01114 Mica: 8 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C36 JRC/5CMAB01129 Mica: 7 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C37 JRC/5CMAB01172 Mica: 22 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C38 JRC/5CMAB01397 Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200	C32	JRC/5CMAB01471	
C35 JRC/5CMAB01114 Mica: 8 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C36 JRC/5CMAB01129 Mica: 7 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C37 JRC/5CMAB01172 Mica: 22 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C38 JRC/5CMAB01397 Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM.	and	JRC/5CAAD00782	
C36 JRC/5CMAB01129 Mica: 7 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C37 JRC/5CMAB01172 Mica: 22 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C38 JRC/5CMAB01397 Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200		JRC/5CMAB01114	
C37 JRC/5CMAB01172 Mica: 22 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200 PPM. C38 JRC/5CMAB01397 Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200	C36	JRC/5CMAB01129	Mica: 7 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200
C38 JRC/5CMAB01397 Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM. C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200	C37	JRC/5CMAB01172	Mica: 22 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200
C39 JRC/5CMAB01227 Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200	C38	JRC/5CMAB01397	Mica: 4 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200
	C39	JRC/5CMAB01227	Mica: 24 pF ±0.5 pF, 500 VDCW, temp coef 0 ±200

SYMBOL	GE PART NO.	DESCRIPTION	SYMBOL	GE PART NO.	DESCRIPTION
C41	JRC/5CAAD00782	Ceramic: 1000 pF ±5%, 50 VDCW, temp coef +350 -1000 PPM.			INTEGRATED CIRCUITS
C42	JRC/5CMAB01125	Mica: 12 pF ±0.25 pF, 500 VDCW, temp coef 0 ±200 PPM.	1C101	JRC/5DAAR00021	Linear, Positive Voltage Regulator; sim to Matsushita AN6541.
C47	JRC/5CEAA00439	Electrolytic: 47 uF <u>+</u> 20%, 40 VDCW.			JACKS
C48	JRC/5CAAD01297	Ceramic: 4700 pF ±5%, 50 VDCW, temp coef ±10%.	J1	JRC/5JWCL00045	Connector, RF: TMP-J01X-A2.
C49 and	JRC/5CAAD00782	Ceramic: 1000 pF <u>+</u> 5%, 50 VDCW, temp coef +350 -1000 pPM.	J2	JRC/6JAFD00002	Connector, RF: H-6JAFD00002.
C50			J3	JRC/5JTCW00060	Connector, power source: PB-1-S L=10.
C52	JRC/5CEAA01817	Electrolytic: $47 \text{ uF} \pm 20\%$, 50 VDCW.	J101	JRC/5JWBS00178	Connector, 10 pins: FH3-10S-1.25DSA(G)
C53 thru C55	JRC/5CAAD00782	Ceramic: 1000 pF <u>+</u> 5%, 50 VDCW, temp coef +350 -1000 PPM.	J102	JRC/5JDAS00001	Connector: WP22-1W.
C56 ·	JRC/5CSAC01180	Tantalum: 3.3 uF ±20%, 25 VDCW.			RELAYS
C57	JRC/5CAAD00782	Ceramic: 1000 pF $\pm 5\%$, 50 VDCW, temp coef ± 350 -1000 pPM.	K1	JRC/5KLAD00626	Relay 9 VDC: RGIT-9V.
C58 and	JRC/5CAAD01056	Ceramic: 0.1 uF +80 -20%, 50 VDCW, temp coef +30 -80%.			
C59	The /set income		L1	JRC/6LAFD01129	Coil, RF.
C61	JRC/5CAAD00782	Ceramic: 1000 pF ±5%, 50 VDCW, temp coef +350 -1000 PPM.	L2	JRC/6LALD00011	Coil RF.
C62	JRC/5CAAD00869	Ceramic: 22 pF <u>+</u> 5%, 50 VDCW, temp coef 0 <u>+</u> 60	L3	JRC/6LALD00012	Coil, RF. Coil, RF.
and C63		PPM.	L4 L5	JRC/6LALD00013 JRC/6LALD00016	Coil, RF.
C64	JRC/5CMAB01465	Mica: 20 pF, 500 VDCW, temp coef 0 ± 200 PPM.	L5-1	JRC/5MZAL00002	Ferrite: sim to Nihon Ferrite QM2010P3.5-5-1.3H.
C101 thru	JRC/5CAAD00782	Ceramic: 1000 pF <u>+</u> 5%, 50 VDCW, temp coef +350 -1000 PPM.	L6	JRC/6LALD00014	Coil, RF.
C104			L8	JRC/6LAFD01213	Coil, RF.
C105	JRC/5CAAD00862	Ceramic: 10 pF <u>+</u> 5%, 50 VDCW, temp coef 0 <u>+</u> 60 PPM.	L9	JRC/6LAFD01214	Coil, RF.
C106 and	JRC/5CAAD01297	Ceramic: 4700 pF ±5%, 50 VDCW, temp coef ±10%.	and L10		
C107			L11	JRC/6LALD00015	Coil, RF.
C108 and C109	JRC/5CAAD00782	Ceramic: 1000 pF ±5%, 50 VDCW, temp coef +350 -1000 PPM.	L12 L101	JRC/6LALD00021 JRC/6LAFD01202	Coil, RF. Coil, RF.
C110	JRC/5CAAD00869	Ceramic: 22 pF $\pm 5\%$, 50 VDCW, temp coef 0 ± 60	L101 L102	JRC/5LCAC00228	Choke coil: 0.33 uH ±10%.
0110		PPM.	L103	JRC/5LCAC00281	Choke coil: 22 uH $\pm 10\%$.
C111	JRC/5CAAD01297	Ceramic: 4700 pF <u>+</u> 5%, 50 VDCW, temp coef <u>+</u> 10%.	L104	JRC/6LAFD01204	Coil, RF.
C112 and C113	JRC/5CAAD00782	Ceramic: 1000 pF ±5%, 50 VDCW, temp coef +350 -1000 PPM.	L105 and	JRC/5LCAC00228	Choke coil: 0.33 uH ±10%.
C115	JRC/5CAAD00785	Ceramic: 10 pF \pm 0.5 pF, 50 VDCW, temp coef 0 \pm 60 PPM.	L106 L107	JRC/6LAFD01205	Coil, RF.
C117	JRC/5CAAD00800	Ceramic: 5 pF \pm 0.25 pF, 500 VDCW, temp coef 0 \pm 60 PPM.			PLUGS
C118	JRC/5CAAD00782	Ceramic: 1000 pF <u>+</u> 5%, 50 VDCW, temp coef +350 -1000 PPM.	P1	JRC/6JJFD00086	Connector, RF.
C119	JRC/5CEAA01817	Electrolytic: 47 uF ±20%, 50 VDCW.	P2	JRC/6ZCFD00165	Power Cable.
C120	JRC/5CSAC00912	Tantalum: 10 uF ±20%, 35 VDCW.	P101	JRC/6JJFD00087	Connector, RF. Connector, RF.
		DIODES	P102	JRC/6JJFD00072	Connector, Kr.
CD1	JRC/5TXAA00313	Silicon (Schottky Barrier): sim to NEC 18897.			RESISTORS
CD6	JRC/5TZAA00045	Ceramic Varistor: Limit voltage 38 to 135V; sim	R1	JRC/5RDAA01186	Carbon film: 15 ohms <u>+</u> 5%, 300 VDCW, 1/4 W.
CD7	JRC/5TXAM00019	to Sanken SNR-10D22L. Silicon: fwd current 3A, 200 PIV; sim to	R2 and R3	JRC/5RDAA01161	Carbon film: 270 ohms <u>+</u> 5%, 300 VDCW, 1/4 W.
		Motorola MR751.	R4	JRC/5REAG00621	Metal film: 68 ohms ±5%, 200 VDCW, 1/8 W.
CD8	JRC/5TXAN00142	Silicon: 200V 1A, sim to Sanken EM1Z.	R5	JRC/5REAG00578	Metal film: 47K ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
CD9 CD10	JRC/5TXAE00166 JRC/5TXAA00313	Zener: 500 mW, 6V; sim to Hitachi HZ6C1. Silicon (Schottky Barrier): sim to NEC 18597.	R6	JRC/5REAG00990	Metal film: 18 ohms $\pm 5\%$, 200 VDCW, 1/8 W.
CD10 CD101	JRC/5TXAD00040	Silicon (Schottky Barrier): sim to NEC 18597. Silicon: sim to Toshiba 181588.	R7	JRC/5REAG00576	Metal film: 10K ohms ±5%, 200 VDCW, 1/8 W.
50101	5.0701200040	Service, Sam of Contra (Blood)	R8	JRC/5REAG00622	Metal film: 270 ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
		HYBRID CIRCUIT	R9	JRC/5REAG00584	Metal film: 8.2K ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
HC1	JRC/5DDAB00236	RF Power Amplifier.	R10	JRC/5REAG00572	Metal film: 1K ohms $\pm 5\%$, 200 VDCW, 1/8 W.
	1		R11	JRC/5REAG00589	Metal film: 3.3K ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
			R12	JRC/5REAG00576	Metal film: 10K ohms ±5%, 200 VDCW, 1/8 W.
			R13	JRC/5REAG00792	Metal film: 82 ohms $\pm 5\%$, 200 VDCW, 1/8 W.
			R14 R15	JRC/5REAG00908 JRC/5REAG00682	Metal film: 180 ohms ±5%, 200 VDCW, 1/8 W. Metal film: 18K ohms ±5%, 200 VDCW, 1/8 W.
	l	I	L	l	I

*COMPONENTS ADDED, DELETED OR CHANGED BY PRODUCTION CHANGES

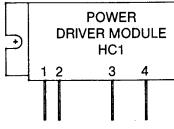
LBI-31765

LBI-31765

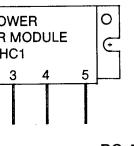
SYMBOL	GE PART NO.	DESCRIPTION
R16	JRC/5RDAA01541	Carbon film: 470 ohms <u>+</u> 5%, 300 VDCW, 1/4 W.
R17	JRC/5RDAA01543	Carbon film: 220 ohms ±5%, 300 VDCW, 1/4 W.
R18	JRC/5RXAE00028	Resistor: sim to Murata PTH487A01BE222TS.
R19 thru R21	JRC/5REAG00586	Metal film: 100 ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
R22	JRC/5REAG00412	Metal film: 4.7 ohms <u>+</u> 5%, 350 VDCW, 1 W.
R23	JRC/5REAG00621	Metal film: 68 ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
R24	JRC/5REAG00625	Metal film: 5.6K ohms ±5%, 200 VDCW, 1/8 W.
R101 and R102	JRC/5REAG00622	Metal film: 270 ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
R103	JRC/5REAG00618	Metal film: 15 ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
R104	JRC/5REAG00574	Metal film: 1.5K ohms ±5%, 200 VDCW, 1/8 W.
R105	JRC/5REAG00591	Metal film: 680 ohms ±5%, 200 VDCW, 1/8 W.
R106	JRC/5REAG00999	Metal film: 39 ohms ±5%, 200 VDCW, 1/8 W.
R107	JRC/5REAG00586	Metal film: 100 ohms ±5%, 200 VDCW, 1/8 W.
R108	JRC/5REAG00572	Metal film: 1K ohms ±5%, 200 VDCW, 1/8 W.
R109	JRC/5REAG00597	Metal film: 330 ohms ±5%, 200 VDCW, 1/8 W.
R114	JRC/5REAG00594	Metal film: 220 ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
R115	JRC/5REAG00575	Metal film: 2.2K ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
R116	JRC/5RDAA01289	Carbon film: 4.7 ohms <u>5%</u> , 300 VDCW, 1/4 W.
R117	JRC/5REAG00582	Metal film: 1.8K ohms <u>+</u> 5%, 200 VDCW, 1/8 W.
RV1	JRC/5RVAB00279	Variable: 10K ohms <u>+</u> 30%, 0.1 W.
TR1	JRC/5TCAF00510	Silicon, NPN: sim to Toshiba 2SC2782.
TR2	JRC/5TDAR00012	Silicon, NPN: sim to Matsushita 2SD1271Q.
TR3	JRC/5TDAB00055	Silicon, NPN: sim to NEC 2SD596-T2 DV3.
TR4	JRC/5TDAB00054	Silicon, NPN: sim to NEC 2SD596-T1 DV3.
TR5	JRC/5TDAB00055	Silicon, NPN: sim to NEC 2SD596-T2 DV3. Silicon. PNP: sim to Matsushita 2SB953A.
TR6	JRC/5TBAR00001	
TR101	JRC/5TCAB00280	
TR103 TR103-1	JRC/5TCAB00202 JRC/5ZKAJ00010	Silicon, NPN: sim to NEC 2SC2762. Heatsink: sim to Nihon koukuu densh: TXBZP-032-037.
TR 104	JRC/5TAAG00093	Silicon, PNP: sim to Toshiba 2SA1020-Y.

•





,





PARTS LIST CHANGES

The prefix of Service Parts replacement part numbers listed in the various Parts Lists included in this maintenance manual have been changed from "JRC/" to "B19/". All other characters remain the same as displayed. When this manual is next reprinted, all replacement parts lists will show only the "B19/" prefix.

When ordering replacement parts listed in this manual from the GE Mobile Communications Service Parts Operation, please use only the "B19/" prefix. The "B19/" prefix will be the only one shown in any future SERVICE PARTS PRICE LIST.

END OF DOCUMENT