

**MAINTENANCE MANUAL  
EURO EDACS® INTERFACE BOARD  
19C852327G1**

<b>TABLE OF CONTENTS</b>	
	<b>Page</b>
SPECIFICATIONS . . . . .	1
DESCRIPTION . . . . .	2
CIRCUIT ANALYSIS . . . . .	2
WIRING LIST . . . . .	2
OUTLINE DIAGRAM . . . . .	3
SCHEMATIC DIAGRAM . . . . .	4
PARTS LIST . . . . .	5

**SPECIFICATIONS\***

**CONNECTORS**

**RJ-45**

J1   8 position jacks sim to Amp. Cat. 556416-1  
thru  
J6

**Telephone**

J14 & J15                                 50-position plug assembly; sim to AMP 554216-3.

\* These specifications are intended primarily for the use of the service technician. Refer to the appropriate Specifications Sheet in the applicable maintenance manual for the complete specifications.

## DESCRIPTION

**EURO EDACS Interface Module 19C852327G1** is used to collect and route serial data throughout an Enhanced Digital Access Communication System (EDACS) through a twisted pair cable. This module mounts on EDACS Interface Panel 19D904009 and consists of six (6) 8-position jacks J1 through J6 and two (2) telephone type 50-position female connectors J14 and J15. The connections between connectors J14 and J15 are straight through 1-1, 2-2, 3-3, etc.

Jacks J1 through J6 connect to common connections between J1 and J2. Four transmit and receive pairs are available at each jack as shown in circuit diagram 19D904451.

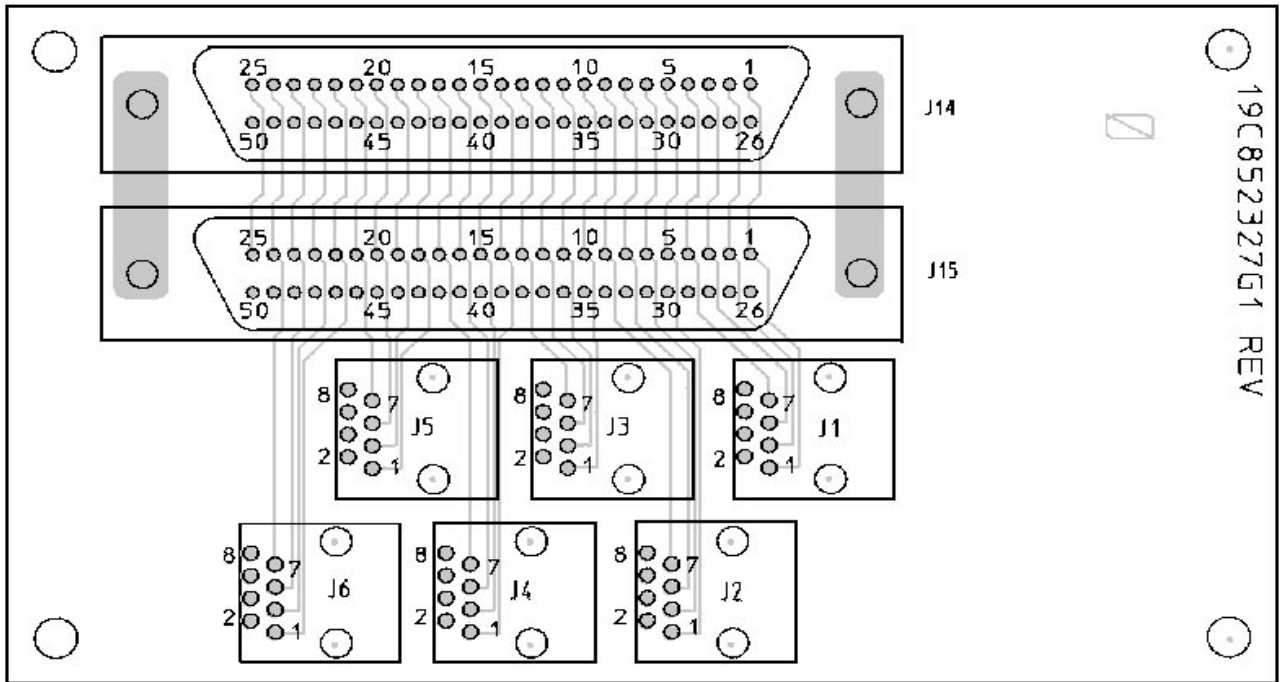
## CIRCUIT ANALYSIS

The Serial Interface Module maps serial data circuits from a common cable to ten (10) modular jacks. These modular jacks connect to the various input/outputs within an EDACS system (refer to Schematic Diagram 19C852321). The Serial Interface Module connections and functions are as follows:

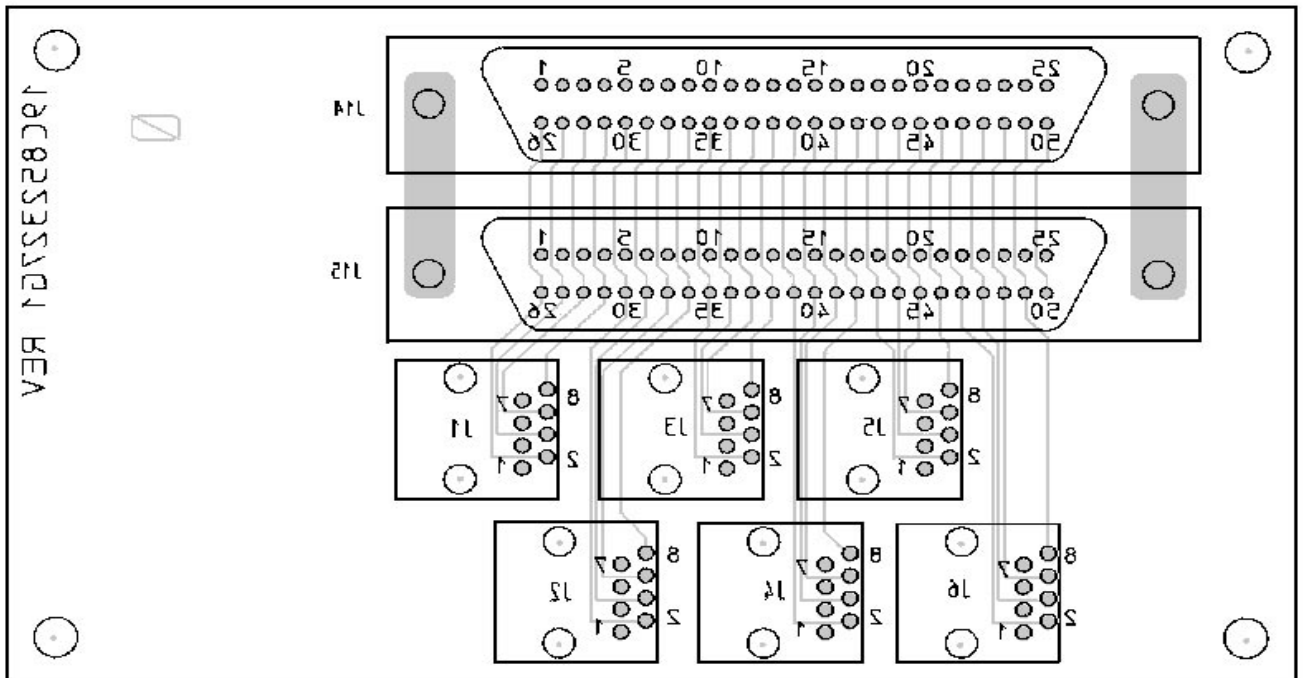
## WIRING LIST

From	Connects To	Function
J14-1	J15-1 & J1-1	STN 1 REC LO
J14-2	J15-2 & J1-3	STN 1 TX LO
J14-3	J15-3 & J1-5	STN 2 REC LO
J14-4	J15-4 & J1-7	STN 2 TX LO
J14-5	J15-5 & J2-1	STN 3 REC LO
J14-6	J15-6 & J2-3	STN 3 TX LO
J14-7	J15-7 & J2-5	STN 4 REC LO
J14-8	J15-8 & J2-7	STN 4 TX LO
J14-9	J15-9 & J3-1	STN 5 REC LO
J14-10	J15-10 & J3-3	STN 5 TX LO
J14-11	J15-11 & J3-5	STN 6 REC LO
J14-12	J15-12 & J3-7	STN 6 TX LO
J14-13	J15-13 & J4-1	STN 7 REC LO
J14-14	J15-14 & J4-3	STN 7 TX LO
J14-15	J15-15 & J4-5	STN 8 REC LO
J14-16	J15-16 & J4-7	STN 8 TX LO
J14-17	J15-17 & J5-1	STN 9 REC LO
J14-18	J15-18 & J5-3	STN 9 TX LO
J14-19	J15-19 & J5-5	STN 10 REC LO
J14-20	J15-20 & J5-7	STN 10 TX LO
J14-21	J15-21 & J6-1	STN 11 REC LO
J14-22	J15-22 & J6-3	STN 11 TX LO
J14-23	J15-23 & J6-5	STN 12 REC LO
J14-24	J15-24 & J6-7	STN 12 TX LO
J14-25	J15-25	No Function
J14-26	J15-26 & J1-2	STN 1 REC HI
J14-27	J15-27 & J1-4	STN 1 TX HI
J14-28	J15-28 & J1-6	STN 2 REC HI
J14-29	J15-29 & J1-8	STN 2 TX HI
J14-30	J15-30 & J2-2	STN 3 REC HI
J14-31	J15-31 & J2-4	STN 3 TX HI
J14-32	J15-32 & J2-6	STN 4 REC HI
J14-33	J15-33 & J2-8	STN 4 TX HI
J14-34	J15-34 & J3-2	STN 5 REC HI
J14-35	J15-35 & J3-4	STN 5 TX HI
J14-36	J15-36 & J3-6	STN 6 REC HI
J14-37	J15-37 & J3-8	STN 6 TX HI
J14-38	J15-38 & J4-2	STN 7 REC HI
J14-39	J15-39 & J4-4	STN 7 TX HI
J14-40	J15-40 & J4-6	STN 8 REC HI
J14-41	J15-41 & J4-8	STN 8 TX HI
J14-42	J15-42 & J5-2	STN 9 REC HI
J14-43	J15-43 & J5-4	STN 9 TX HI
J14-44	J15-44 & J5-6	STN 10 REC HI
J14-45	J15-45 & J5-8	STN 10 TX HI
J14-46	J15-46 & J6-2	STN 11 REC HI
J14-47	J15-47 & J6-4	STN 11 TX HI
J14-48	J15-48 & J6-6	STN 12 REC HI
J14-49	J15-49 & J6-8	STN 12 TX HI
J14-50	J15-50	No Function

COMPONENT SIDE

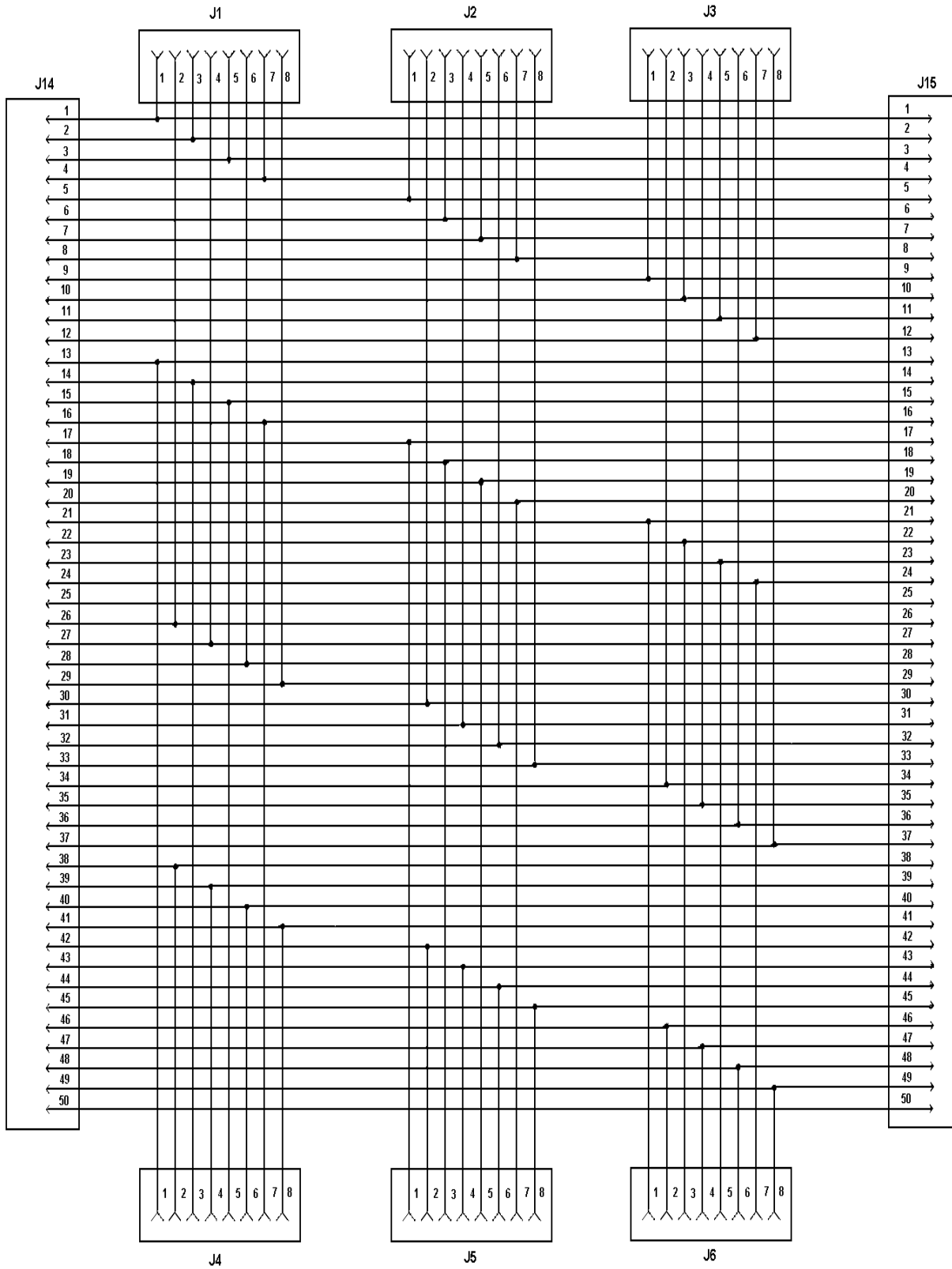


SOLDER SIDE



EDACS SERIAL INTERFACE MODULE

(19C852327, Rev. 1)  
(19C852328, Component Side, Rev. 0)  
(19C852328, Solder Side, Rev. 0)



**EDACS SERIAL INTERFACE MODULE**

(19D904451, Rev. 0)

**EURO EDACS  
INTERFACE BOARD  
19C852327G1  
ISSUE 1**

<b>SYMBOL</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>
		----- JACKS -----
J1 thru J6	344A3288P2	8-position telephone jack; sim to Amp. Cat. 556416-1.
J14, J15	19B800935P14	50-position Connector; Sim To Amp. Cat. 554216-3.
		----- MISCELLANEOUS -----
4	N80P9004B6	Machine screw: No. 4-40 x 1/4.

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