

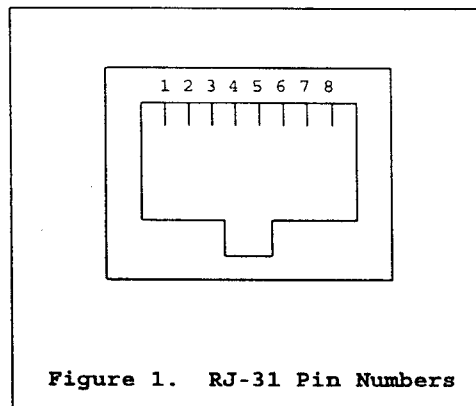
Purpose: Defines circuit pinouts on RJ-31 modular connector on the 862P. Also, specifies the pin configuration for the 8 circuit modular to DB-25 male adapter used for printers.

Specification: The 862P is a digital network interface card design to be used on the 1912XR. The number of EIA-232D circuits available for the interface has been limited to 8. These circuits and their pin reference on the RJ-31 modular connector are shown in Table 1 below.

Table 1. 862P Printer Interface Circuits

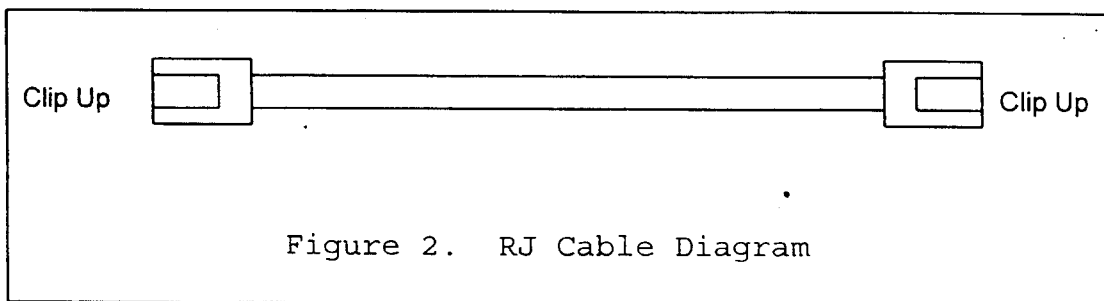
RJ-31 of 862 Pin No.	RJ-31 end of CN-0140 Pin No.	Description	DB-25 end of CN-0140 Pin No.
1	8	DCD, data carrier detect	20
2	7	CTS, clear to send	5 & 11
3	6	SG, signal ground	7
4	5	RXC, receive clock	17
5	4	TXC, transmit clock	15
6	3	RXD, receive data	2
7	2	TXD, transmit data	3
8	1	RTS, request to send	4

Figure 1 shows the pins on the 862P and CN-0140 RJ-31 connector.



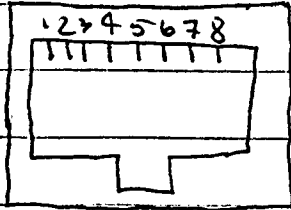
Handwritten color key:
 1 = GRAY
 2 = ORANGE
 3 = Black
 4 = RED
 5 = GREEN
 6 = Yellow
 7 = Blue
 8 = BROWN

Figure 2 shows the construction of the cable connecting the 862P to CN-0140.

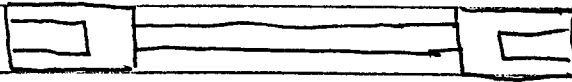


Handwritten note:
 NOT STRAIGHT THROUGH

462P

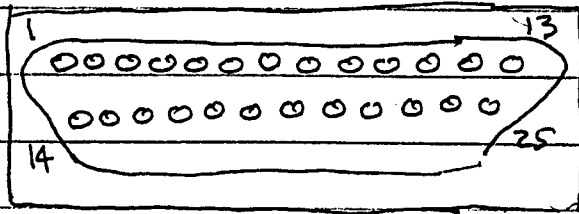


CLIP UP



CLIP UP

NOT straight through



462P

DB-25 (RS-31)

colors in DB25 NOT CABLES

DB-25 (25 PIN)

what wires we use

462P	DB-25 (RS-31)	Function	DB-25 (25 PIN)	what wires we use
3	1 BLUE	REQUEST TO SEND	4	5
7	2 ORANGE	TRANSMIT DATA	3	*
6	3 BLACK	RECEIVE	2	*
5	4 RED		15	
4	5 GREEN		17	
3	6 YELLOW	GROUND	7	*
2	7 BROWN	CLEAR TO SEND	5 & 11	*
1	8 WHITE	Data Terminal Ready	20	