

Conn. J1 : MS27505E15B35P		Conn. J2 : MS27505E15B35PA	
Pin No.	Signal	Pin No.	Signal
1	1553-1-BusA+	1	1553-2-BusA+
2	1553-1-BusA-	2	1553-2-BusA-
3	429-1-TxB	3	429-3-TxB
4	429-1-TxA	4	429-3-TxA
5	RS-232C TXD	5	
6	RS-232C RTS	6	
7	429-2-TxB	7	429-4-TxB
8	429-2-TxA	8	429-4-TxA
9	1553-1-BusB+	9	1553-2-BusB+
10	1553-1-BusB-	10	1553-2-BusB-
11	DIS-IN-1-Open/Gnd	11	DIS-IN-4-Open/Gnd
12	Aircraft 28V Power	12	Aircraft 28V Power
13	DIS-IN-2-Open/Gnd	13	DIS-IN-5-Open/Gnd
14	RS-232C CTS	14	
15	RS-232C RXD	15	
16	429-1-RxA	16	429-7-RxA
17	429-1-RxB	17	429-7-RxB
18	429-2-RxA	18	429-8-RxA
19	429-2-RxB	19	429-8-RxB
20	429-3-RxA	20	429-9-RxA
21	429-3-RxB	21	429-9-RxB
22	429-4-RxA	22	429-10-RxA
23	429-4-RxB	23	429-10-RxB
24	DIS-OUT-1-Open/Gnd	24	DIS-OUT-2-Open/Gnd
25	DIS-IN-3-Open/Gnd	25	DIS-IN-6-Open/Gnd
26	Aircraft Power Return	26	Aircraft Power Return
27	DIS-IN-1-28V/Open	27	DIS-IN-4-28V/Open
28	429-5-RxA	28	429-11-RxA
29	429-5-RxB	29	429-11-RxB
30	429-6-RxA	30	429-12-RxA
31	429-6-RxB	31	429-12-RxB
32	DIS-OUT-1-28V/Open	32	DIS-OUT-2-28V/Open
33	DIS-IN-2-28V/Open	33	DIS-IN-5-28V/Open
34	Signal Gnd	34	Signal Gnd
35	DIS-IN-3-28V/Open	35	DIS-IN-6-28V/Open
36	Signal Gnd	36	Signal Gnd
37	Discrete Output Return	37	Discrete Output Return