



PIN#	COLOR/STRIPE	PIN#	COLOR/STRIPE
1	BLK	30	WHT/BRN/YEL
2	BRN	31	WHT/BRN/GRN
3	RED	32	WHT/BRN/BLU
4	ORN	33	WHT/BRN/MIO
5	YEL	34	WHT/BRN/GRY
6	GRN	35	WHT/RED/ORN
7	BLU	36	WHT/RED/YEL
8	MIO	37	WHT/RED/GRN
9	GRY	38	WHT/RED/BLU
10	WHT	39	WHT/RED/MIO
11	WHT/BLK	40	WHT/RED/GRY
12	WHT/BRN	41	WHT/ORN/YEL
13	WHT/RED	42	WHT/ORN/GRN
14	WHT/ORN	43	WHT/ORN/BLU
15	WHT/YEL	44	WHT/ORN/MIO
16	WHT/GRN	45	WHT/ORN/GRY
17	WHT/BLU	46	WHT/YEL/GRN
18	WHT/MIO	47	WHT/YEL/BLU
19	WHT/GRY	48	WHT/YEL/MIO
20	WHT/BLK/BRN	49	WHT/YEL/GRY
21	WHT/BLK/RED	50	WHT/GRN/BLU
22	WHT/BLK/ORN	51	WHT/GRN/MIO
23	WHT/BLK/YEL	10	WHT/GRN/GRY
24	WHT/BLK/GRN	46	WHT/BLU/MIO
25	WHT/BLK/BLU	47	WHT/BLU/GRY
26	WHT/BLK/MIO	13	WHT/MIO/GRY
27	WHT/BLK/GRY	17	WHT/BLK/BRN/RED
28	WHT/BRN/RED	34	WHT/BLK/BRN/ORN
29	WHT/BRN/ORG		

- NOTES:
- THE LEAK TEST VACUUM 10X10⁻⁸ CC/SEC OR LESS, USE ALCOHOL TO LUBE THE O-RING IF NECESSARY.
 - HYPOT 500 VDC 100 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING. TESTED WITH MATING CONNECTOR & JACKSCREWS.
 - CONTINUITY TEST <.5 Ohms WIRE END TO MATING CONNECTOR.
 - WIRE TIE POINTS INTERNAL TO SEAL:
 - PINS 45, 29, 30, & 13
 - PINS 17 & 34
 - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 - ALL PARTS MUST PASS ALL TESTS.
 - WIRE POSITIONING IS APPROXIMATE & VARIABLE.
 - NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN Ø0.035 [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
 - REF-OPERATING TEMPERATURE -40°C TO 125°C.
 - EPOXY MENISCUS ON WIRES CAN BE .60 [15.24] MAXIMUM.
 - ORIENTATION OF CONNECTOR TO .19 CHAMFER MAY NOT VARY.
 - DIMENSIONS ARE INCHES [millimeters].
 - PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

ITEM	QTY	PART NUMBER	DESCRIPTION
5	2	256AA-7BR	INSERT THREADED 2-56 X 6 THREADS
4	1	4118940	GASKET BUTYL 60
3	57	TFE28 *SEE TABLE*	WIRE 28 TEFLON M22759/11-28
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	M83513/02-GN	CONNECTOR 51PIN MIL-C-83513

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DESCRIPTION
 SP26/9-E-150-57-E28-16-83513

PART NUMBER
3760

MATERIAL NOTED

REVISION LEVEL
 F

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ±0.5
 X.X DECIMAL ±0.1 X.XX DECIMAL ±0.02 X.XXX DECIMAL ±0.005
 ANGLES ±1 DEGREE SURFACE FINISH 128 microinch RMS