

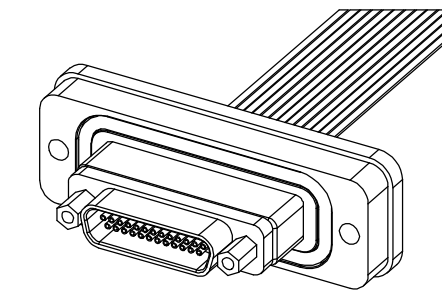
WIRE COLOR TABLE

ITEM 3 POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
WIRE COLOR	BLK	BRN	RED	ORG	YEL	GRN	BLU	VIO	GRY	WHT	BLK	BRN	RED	ORG	YEL	GRN	BLU	VIO	GRY	WHT	BLK	BRN	RED	ORG	YEL

NOTES:

- HE LEAK TEST @ 1 ATM. 1X10⁻⁷ CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 500 VDC 200 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTOR.
- CONTINUITY TEST <0.5 OHM MATING CONNECTOR TO WIRE ENDS.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE -20°C TO 125°C.
- 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.

15	1	-023 VITON	O-RING -023 VITON 75
14	2	JACKPOST 2-56	"P" STYLE 2-56 UNC
13	3	ET26 YELLOW	WIRE 26ET MIL-W-16878/6 .005 7/#34
12	2	ET26 WHITE	WIRE 26ET MIL-W-16878/6 .005 7/#34
11	2	ET26 VIOLET	WIRE 26ET MIL-W-16878/6 .005 7/#34
10	3	ET26 RED	WIRE 26ET MIL-W-16878/6 .005 7/#34
9	3	ET26 ORANGE	WIRE 26ET MIL-W-16878/6 .005 7/#34
8	2	ET26 GREEN	WIRE 26ET MIL-W-16878/6 .005 7/#34
7	2	ET26 GRAY	WIRE 26ET MIL-W-16878/6 .005 7/#34
6	3	ET26 BROWN	WIRE 26ET MIL-W-16878/6 .005 7/#34
5	2	ET26 BLUE	WIRE 26ET MIL-W-16878/6 .005 7/#34
4	3	ET26 BLK	WIRE 26ET MIL-W-16878/6 .005 7/#34
3	1	M83513/02-DN	CONNECTOR 25 SOC 83513 MICRO D
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3518	PLATE TOP SS MIRCO D 25 PIN
ITEM	QTY	PART NUMBER	DESCRIPTION



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DESCRIPTION
SP33/11-E-150-25-ET26-18-M8351302DN

PART NUMBER
5342

MATERIAL NOTED

REVISION LEVEL
A

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