



NOTES:

1. HE LEAK TEST @ 1ATM. 10X10⁻⁷ CC/SEC OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO PIN.
3. CONTINUITY TEST <.5 OHMS MATING PIN TO END OF WIRE.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. CABLE POSITIONING IS APPROXIMATE & VARIABLE.
7. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
8. REF-OPERATING TEMPERATURE -20°C TO 80°C.
9. 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.
10. DIMENSIONS ARE INCHES [millimeters].
11. ALCOHOL OR FOMBLIN YVAC MAY BE USED TO LUBE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

PIN #	COLOR WIRE	TWISTED PAIR
1	BLACK	BLACK/RED
2	RED	BLACK/RED
3	WHITE	BLACK/WHITE
4	BLACK	BLACK/WHITE
5	BLACK	BLACK/YELLOW
6	BLACK	BLACK/GREEN
7	GREEN	BLACK/GREEN
8	BLACK	BLACK/BLUE
9	BLUE	BLACK/BLUE
NOT USED	YELLOW	BLACK/YELLOW

6	1	-026 VITON	O-RING -026 VITON 75
5	2	YARDLEY3005A5-8	THREAD INSERT SS M3X.5
4	2	JACKPOST 4-40	"P" STYLE 4-40 UNC
3	1	PAVE-Seal 150	EPOXY BLACK
2	1	BELDEN 8305	CABLE 22 AWG PVC INSULATION, 5 TWISTED PAIRS, PVC JACKET
1	1	171-009-103L001	PLUG D-SUB 9 PIN PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS
ITEM	QTY	PART NUMBER	DESCRIPTION

REF- TWO M3X.5 SCREWS USED FOR INSTALLATION

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

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, OH 45414-3445
 U.S.A.
 tel (937) 890-1100
 fax (937) 8905165
 www.pavetechnologyco.com

DESCRIPTION
 SP35/16-E-150-9-BELDEN8305-39-DSUB

PART NUMBER
4624

MATERIAL NOTED

REVISION LEVEL
 A

PROJECTION