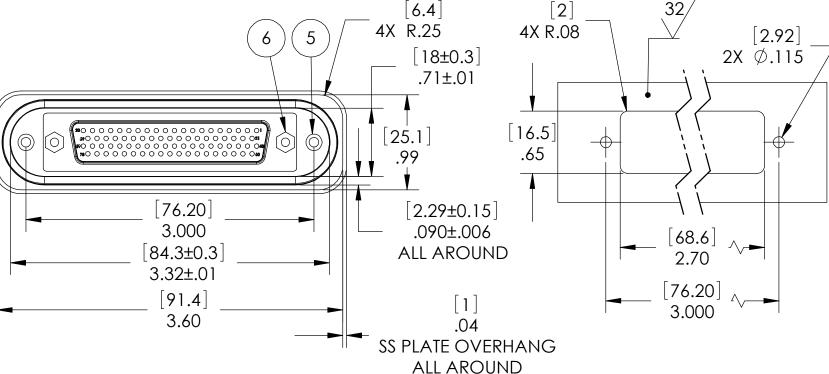


SP58/16 INSTALLATION PORT



NOTES:

- HE LEAK TEST @ 1 ATM. 1X10^-6 CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST. TEST CERTIFICATIONS FOR LOWER HELIUM LEAK RATES DOWN TO 10^-10 CC/SEC RATE MAY BE AVAILABLE BY CONTACTING PAVE SALES ENGINEERING PRIOR TO ORDERING.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO CONDUCTOR AND RECEPTACLE FLANGES WITH MATING CONNECTORS.
- CONTINUITY TEST < 0.5 OHM PINS TO SOCKETS WITH MATING CONNECTORS.
- 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: \emptyset .035 [.89] MAX ALLOWED VOID SIZE > .5 [12.7] SEAL DIAMETER: \emptyset .060 [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE RANGÉ -20 °C TO 105 °C.
- DIMENSIONS ARE INCHES [millimeters].
- PAVE-SEAL CAN BE A BI-DÎRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.
- FOR 4802-1, ITEM 8, & AN ADDITIONAL ONE EACH OF ITEMS 3 AND 4 ARE INCLUDED

7 6 5 4 3 2	2 SEE NOTE 11 1 or 2 SEE NOTE 11 1 or 2 A/R 1		2 180-0	78-103L001 -Seal 150	SHELL, GOLD PLATED BRASS SOCKETS PLUG D-SUB HIGH DENSITY 78#22 PINS PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS EPOXY BLACK PLATE TOP SS DSUB
6 5 4 3	SEE NOTE 11 1 or 2 SEE NOTE 11 1 or 2		2 180-0	78-103L001	SHELL, GOLD PLATED BRASS SOCKETS PLUG D-SUB HIGH DENSITY 78#22 PINS PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS
6 5 4	SEE NOTE 11 SEE NOTE 11	3			SHELL, GOLD PLATED BRASS SOCKETS PLUG D-SUB HIGH DENSITY 78#22 PINS PBT INSULATOR, NICKEL PLATED STEEL SHELL,
6 5	SEE NOTE 11				
6	2	4		78-203L001	RCPT D-SUB HIGH DENSITY 78#22 SOCKETS PBT INSULATOR, NICKEL PLATED STEEL
•	_	5	YARD	LEY#440A5-8	THREADED INSERT SS 4-40 X .12
7	4	6	JACK	POST 4-40	"P" STYLE 4-40 UNC
	1	7	-036 \	VITON	O-RING -036 VITON 75
8		8	160-0	00-002R031	SCREWLOCK W/ CLIP 4-40 MALE FOR DSUB NICKEL PLATED STEEL

AVE ledinology co.

2751 Thunderhawk Court Dayton, OH 45414-3445 tel (937) 890-1100 fax (937) 8905165

www.pavetechnologyco.com SP58/16-E-150-78-22-DSUB-DSUB

4802

MATERIAL NOTED

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