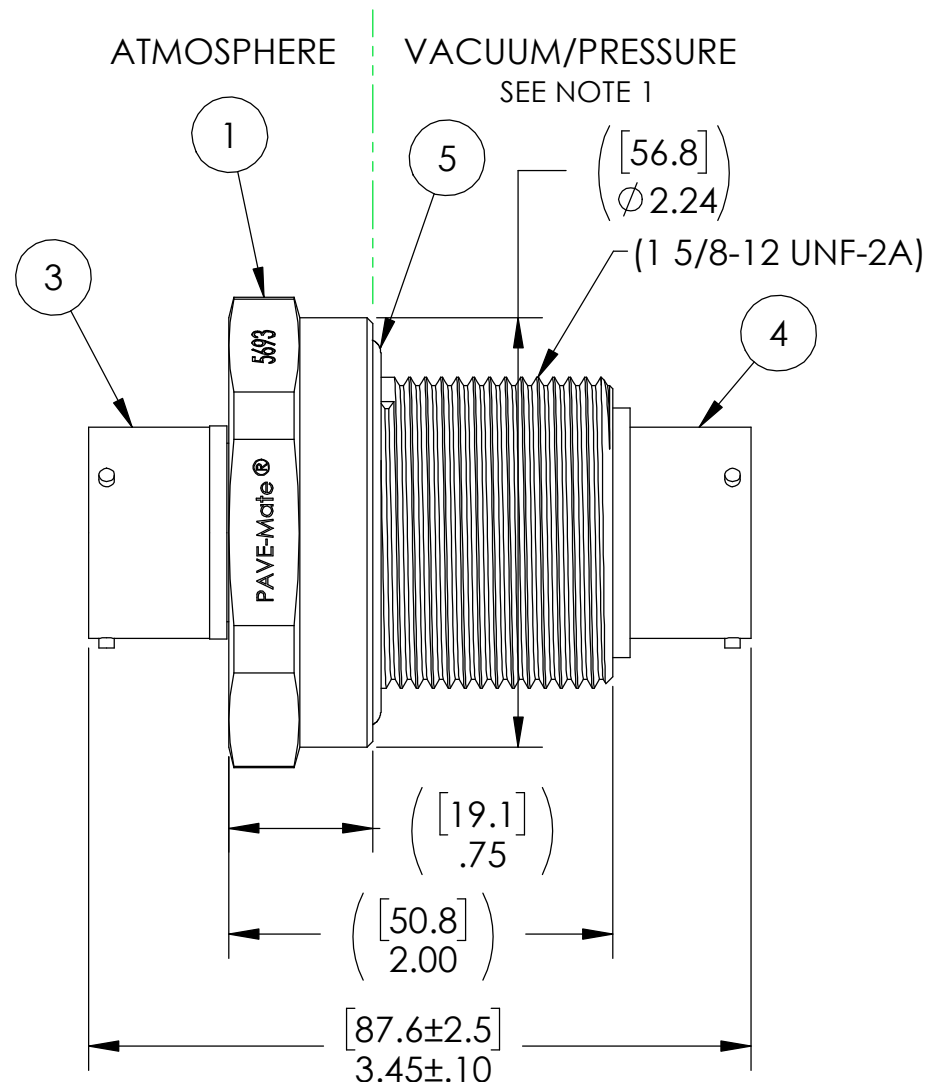
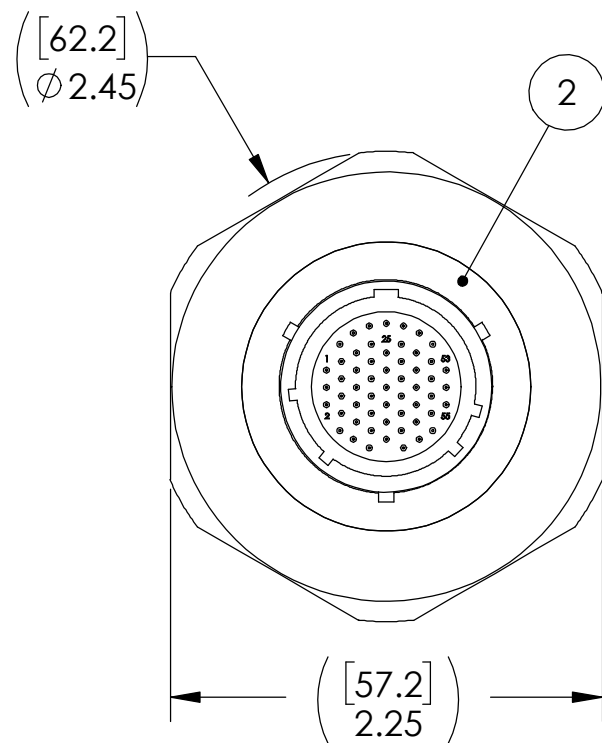
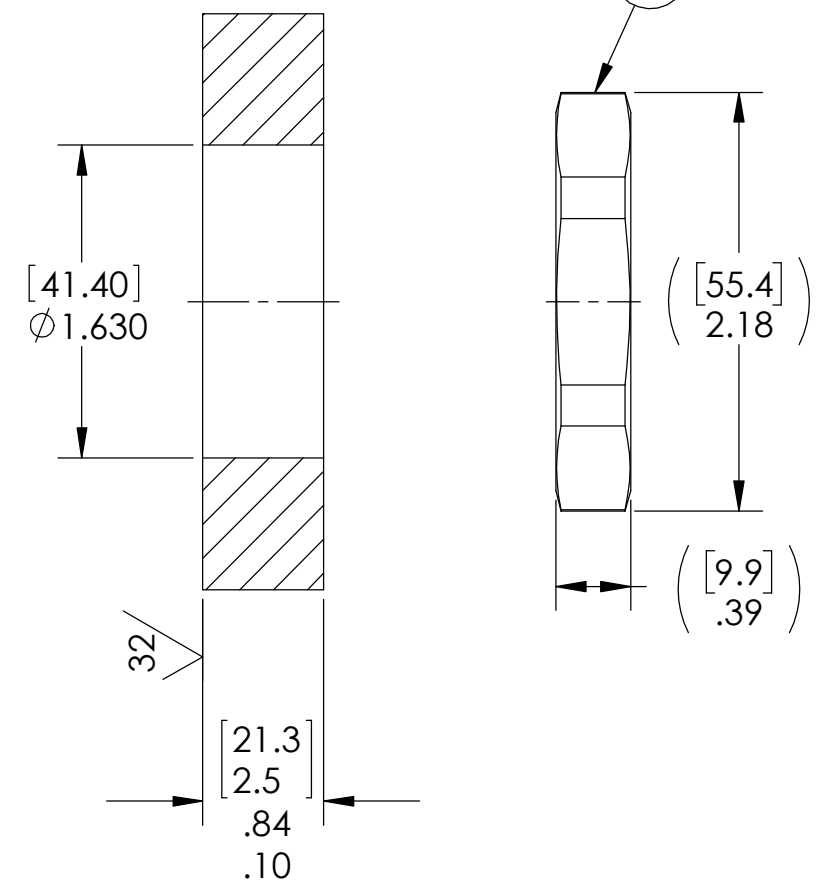




VS22 INSTALLATION PORT



NOTES:

1. LEAK TEST AS FOLLOWS, A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST:
5693 ONLY: HE LEAK TEST @ 1 ATM. 1X10⁻⁷ CC/SEC OR LESS.
5693-1 ONLY: 400 PSI, NO N₂ BUBBLES 30 SECONDS MINIMUM.
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST <0.5 OHM PIN TO SOCKET WITH MATING CONNECTORS.
4. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. 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
8. REF-OPERATING TEMPERATURE RANGE SEE TABLE.
9. DIMENSIONS ARE INCHES [millimeters].
10. 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.

PAVE#	PAVE DESCRIPTION	ITEM 2	ITEM 5	ITEM 5 DESCRIPTION	TEMPERATURE
5693	VS22-SS-150-55-22-27466PS (NP)	PAVE-Seal 150	-224 VITON	O-RING -224 VITON 75	-20 °C TO 125 °C
5693-1	VS22-SS-200-55-22-27466PS (NP)	PAVE-Seal 200	-224 VITON LT	O-RING -224 VITON 75 LOW-TEMP	-40 °C TO 150 °C

6	1	0199	NUT VS22-SS
5	1	SEE TABLE	SEE TABLE
4	1	MS27466T17F35S	RCPT 55#22D SOCKET 999 SERIES I NICKEL PLATED ALUMINUM SHELL GOLD PLATED COPPER ALLOY CONTACTS
3	1	MS27466T17F35P	RCPT 55#22D PIN 999 SERIES I NICKEL PLATED ALUMINUM SHELL GOLD PLATED COPPER ALLOY CONTACTS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0189/304SS	HOUSING VS22-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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

DESCRIPTION	SEE TABLE
PART NUMBER	5693*
*SEE TABLE & NOTE 1	
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