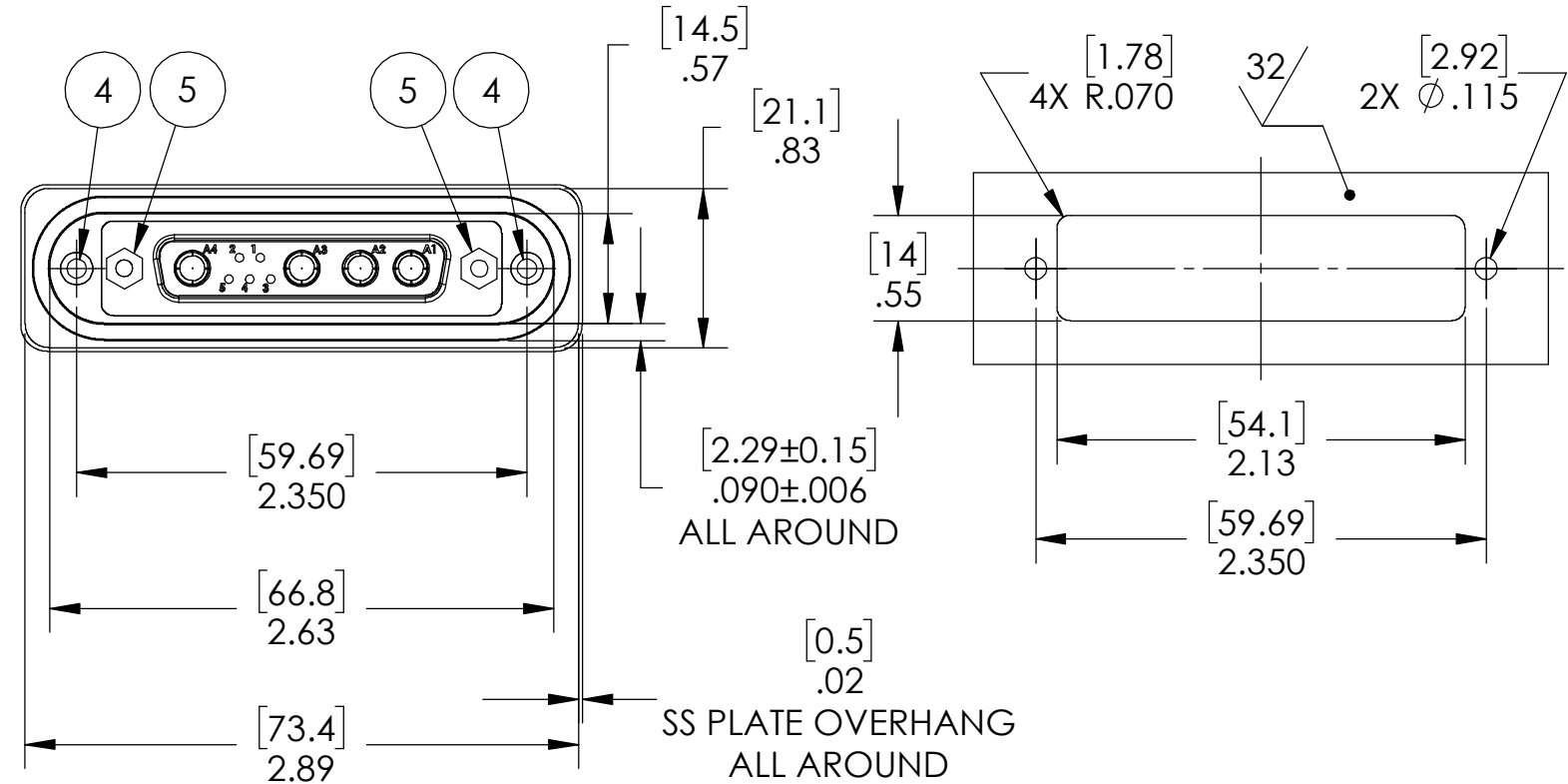
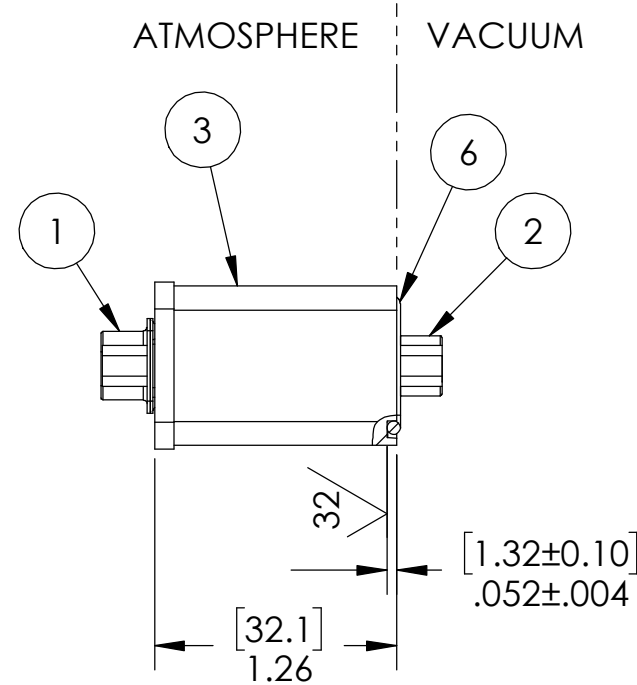
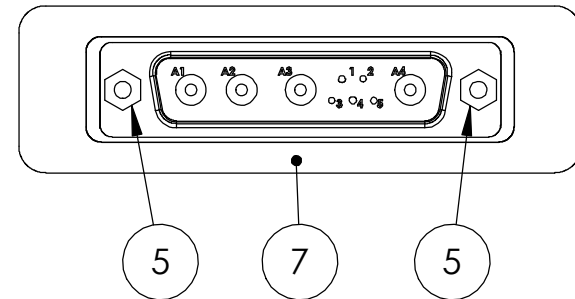
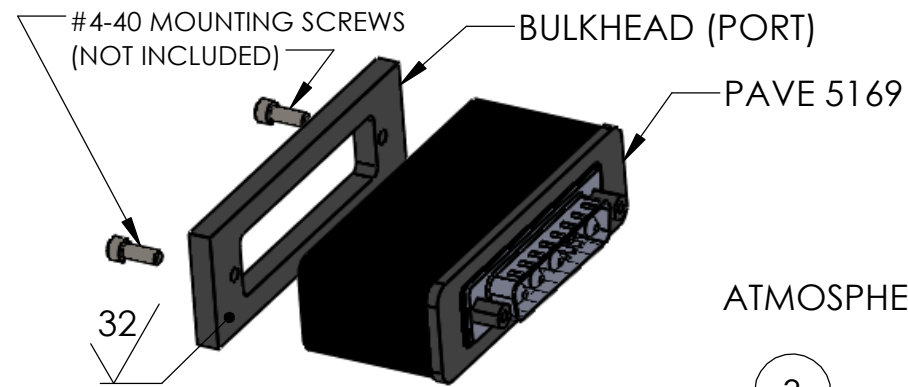


REF-PART INSTALLATION

SCALE: 2:3



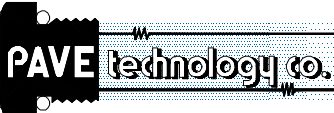
SP46/13 INSTALLATION PORT

SECURE PART WITH APPROPRIATE LENGTH #4-40 SCREWS


NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND CONNECTOR FLANGES 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: Ø .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø .060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
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.

7	1	3420PG2C	PLATE TOP SS
6	1	-032 VITON	O-RING -032 VITON 75
5	4	JACKPOST 4-40	"P" STYLE 4-40 UNC
4	2	YARDLEY#440A5-8	THREADED INSERT SS 4-40 X .12
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	680M9W4203L401	RCPT D-SUB 4#8/5#20 SOCKET PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED COPPER ALLOY CONTACTS (40 AMP POWER)
1	1	680M9W4103L401	PLUG D-SUB 4#8/5#20 PIN PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED COPPER ALLOY CONTACTS (40 AMP POWER)
ITEM	QTY	PART NUMBER	DESCRIPTION


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

DESCRIPTION
 SP46/13-E-150-4/5-8/20-DSUB-DSUB

PART NUMBER	MATERIAL	NOTED
5169		
REVISION LEVEL	-	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