ATMOSPHERE | VACUUM

[1.32±0.10]
.052±.004

32

[27.9]
1.10

SP30/13 INSTALLATION PORT
SECURE PART WITH APPROPRIATE
LENGTH #4-40 SCREWS

4X R.07
[1.8]

32

[14.5]
.57

[21.1]
.83

[2.29±0.15]
.090±.006
ALL AROUND

[0.5]
.02
SS PLATE OVERHANG
ALL AROUND

[36.83]
1.450

[42.4]
1.67

[48.3]
1.90

[32.3]
1.27

[36.83]
1.450

[14]
.55

[2.92]
2X Ø.115

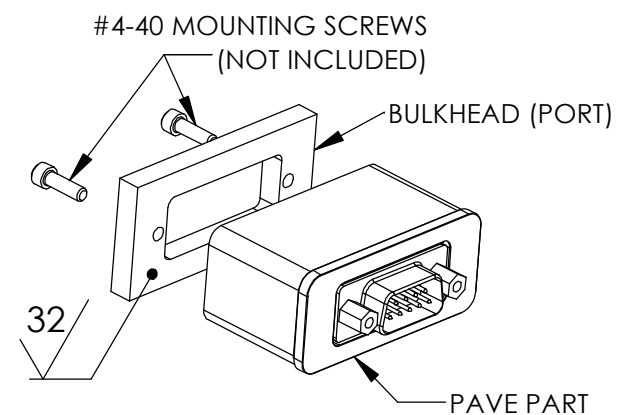PART INSTALLATION, SCALE: 2:3

#4-40 MOUNTING SCREWS
(NOT INCLUDED)

BULKHEAD (PORT)

32

PAVE PART

NOTES:
1.   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.
2.   HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM
     CONDUCTOR TO CONDUCTOR AND CONNECTOR FLANGES WITH
     MATING CONNECTORS.
3.   CONTINUITY TEST <.5 Ohm PIN TO PIN WITH MATING CONNECTORS.
4.   REF-CONNECTORS WIRED PIN 1 TO PIN 1, PIN 2 TO PIN 2, ETC.
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.   DIMENSIONS ARE INCHES [millimeters].
9.   REF-OPERATING TEMPERATURE RANGE -20°C TO 105°C.
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.

ITEM	QTY	PART NUMBER	DESCRIPTION
6	1	3461	PLATE TOP SS 9 PIN DSUB
5	1	-026 VITON	O-RING -026 VITON 75
4	4	JACKPOST 4-40	"P" STYLE 4-40 UNC
3	2	YARDLEY#440A5-8	THREADED INSERT SS 4-40 X .12
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	2	171-009-103L001	PLUG D-SUB 9 #20 PINS PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS

DESCRIPTION
SP30/13-E-150-9-20-DSUB-DSUB

PART NUMBER
4722

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