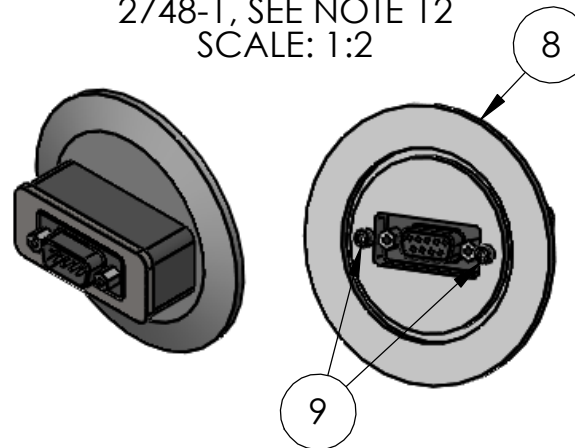
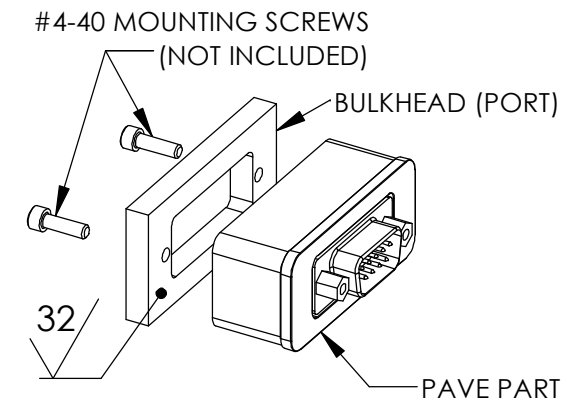


PAVE#	ITEM 6	ITEM 6 DESCRIPTION	TEMPERATURE
2748	-026 VITON	O-RING -026 VITON 75	-20 °C TO 105 °C
2748-1	-026 VITON	O-RING -026 VITON 75	-20 °C TO 105 °C
2748-2	-026 VITON	O-RING -026 VITON 75	-20 °C TO 105 °C
2748-3	-026 BUTYL	O-RING -026 BUTYL 70	-59 °C TO 105 °C
2748-EMI	-026 VITON	O-RING -026 VITON 75	-20 °C TO 105 °C
2748-R	-026 VITON	O-RING -026 VITON 75	-20 °C TO 105 °C

2748-1, SEE NOTE 12
SCALE: 1:2



PART INSTALLATION, SCALE: 2:3



NOTES:

- HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS. FOR 2748-2 ONLY: LEAK TEST @ 60 PSI, NO BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT WHERE NOTED INDICATES THE PART HAS PASSED THE LEAK TEST.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND CONNECTOR SHELLS WITH MATING CONNECTORS.
- CONTINUITY TEST < 0.5 Ohm PIN TO SOCKET 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: Ø .035 [.89] MAX ALLOWED VOID SIZE
> .5 [12.7] SEAL DIAMETER: Ø .060 [1.5] MAX ALLOWED VOID SIZE
- 2748-R IS REVERSED WITH PINS ON THE VACUUM SIDE AND SOCKETS ON THE ATMOSPHERE SIDE.
- APPENDING "EMI" TO THE PAVE PART NUMBER AND ORDER CODE INDICATES AN ELECTRICAL CONNECTION BETWEEN THE SHELLS OF ITEMS 1 & 2.
- REF-OPERATING TEMPERATURE RANGE SEE TABLE.
- DIMENSIONS ARE INCHES [millimeters].
- 2748-1 ONLY SHIPS INSTALLED AND LEAK TESTED, PER NOTE 1, IN ITEM 8 (NW50 ADAPTER) SECURED WITH ITEM 9 (#4-40 SCREWS).

9	SEE NOTE 12 2	4-40X.3125 SHCS	SCREW SHCS 4-40x.3125-SS
8	SEE NOTE 12 1	5216	HOUSING NW50-SS SP30/13 ADAPTER
7	1	3461	PLATE TOP SS 9 PIN DSUB
6	1	SEE TABLE	SEE TABLE
5	4	JACKPOST 4-40	"P" STYLE 4-40 UNC
4	2	YARDLEY#440A5-8	THREADED INSERT SS
3	1	PAVE-Seal 150	EPOXY BLACK
2	1	171-009-203L001	RCPT D-SUB 9 #20 SOCKETS PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS SOCKETS
1	1	171-009-103L001	PLUG D-SUB 9 #20 PINS PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS
ITEM	QTY	PART NUMBER	DESCRIPTION

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

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www.pavetechnologyco.com

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

PART NUMBER
2748*

*SEE NOTES 1, 8, 9, & 12 & TABLE

MATERIAL
NOTED

REVISION LEVEL
L

PROJECTION
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