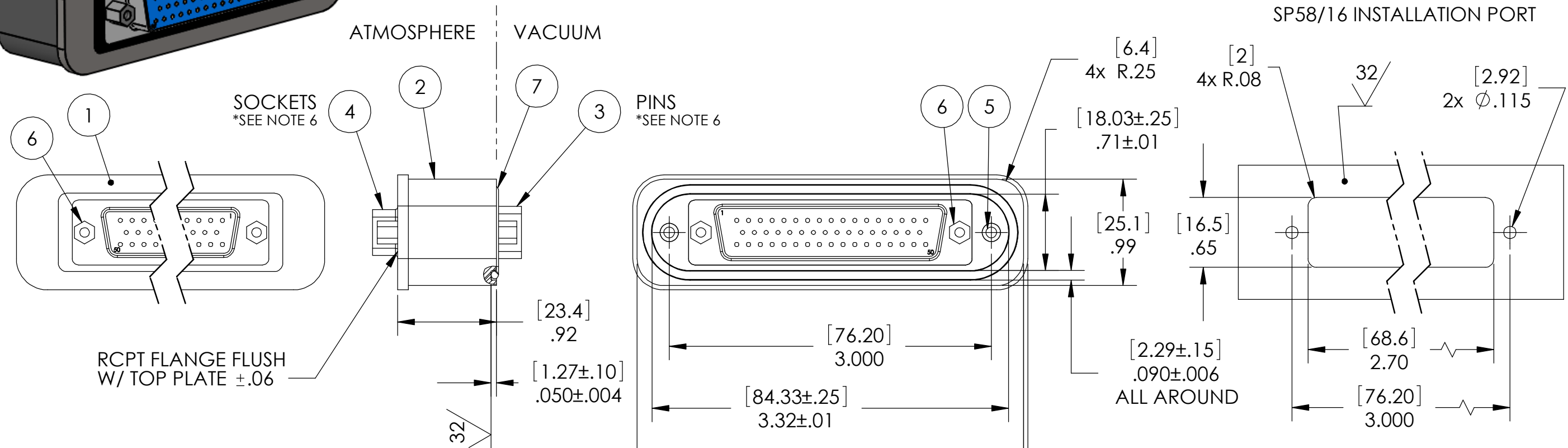


PAVE#	ITEM 7 PART#	ITEM 7 DESCRIPTION	(TEMPERATURE RANGE)
4174	-036 VITON LT	O-RING -036 LOW-TEMP VITON 75	-40 °C TO 105 °C
4174R	-036 VITON LT	O-RING -036 LOW-TEMP VITON 75	-40 °C TO 105 °C
4174R-1	-036 NM304-75	O-RING -036 NITRILE LT NM304-75	-50 °C TO 105 °C



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 <.5 Ohms PINS TO SOCKETS WITH MATING CONNECTORS.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- ADDING AN "R" TO THE PAVE PART# INDICATES THE PART IS REVERSED WITH PINS ON THE ATMOSPHERE SIDE & SOCKETS ON THE VACUUM SIDE, SEE TABLE FOR "R" VERSIONS.
- 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
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- REF-OPERATING TEMPERATURE RANGE SEE TABLE.
- DIMENSIONS ARE INCHES [millimeters].

7	1	SEE TABLE	SEE TABLE
6	4	JACKPOST 4-40	"P" STYLE 4-40 UNC
5	2	YARDLEY#440A5-8	THREADED INSERT SS 4-40 X .12
4	1	171-050-203L001	RCPT D-SUB 50 SOCKET PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS SOCKETS
3	1	171-050-103L001	RCPT D-SUB 50 PIN PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4182	PLATE TOP SS DSUB
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co.

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

DESCRIPTION
SP58/16-E-150-50-20-DSUB-DSUB

PART NUMBER *SEE NOTE 6
4174*

MATERIAL NOTED

REVISION LEVEL D

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