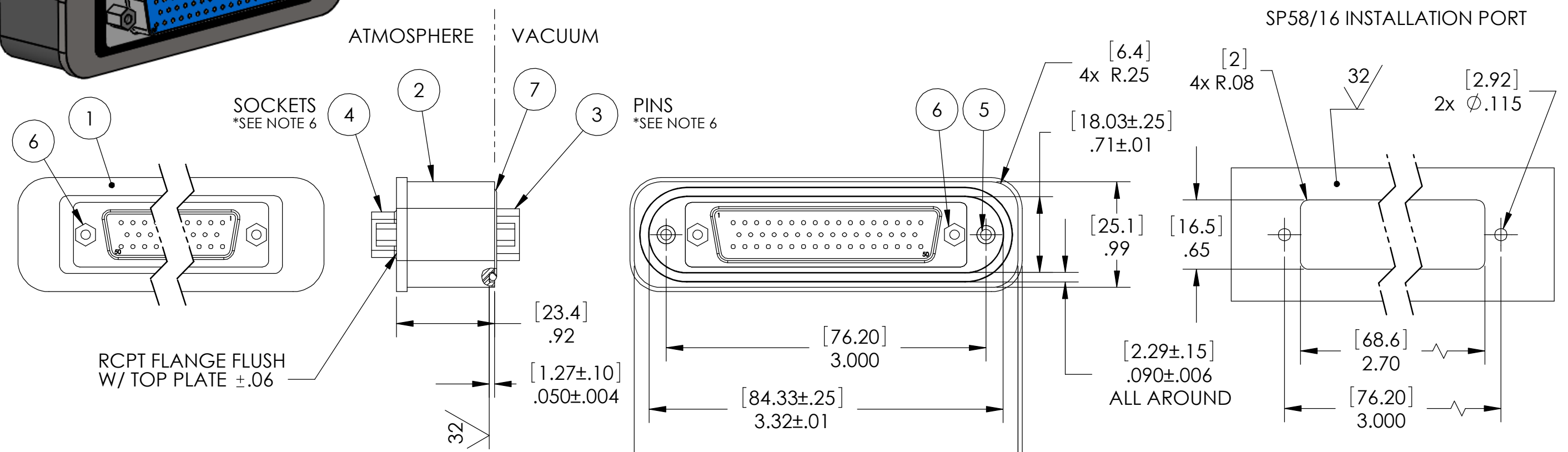


PAVE#	ITEM 7 PART#	ITEM 7 DESCRIPTION	(TEMPERATURE RANGE)
4174	-036 VITON LT	O-RING -036 LOW-TEMP VITON 75	-40 °C TO 105 °C
4174R	-036 VITON LT	O-RING -036 LOW-TEMP VITON 75	-40 °C TO 105 °C
4174R-1	-036 NM304-75	O-RING -036 NITRILE LT NM304-75	-50 °C TO 105 °C



- 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: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .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 #20 SOCKETS PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS SOCKETS
3	1	171-050-103L001	PLUG D-SUB 50 #20 PINS 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
 U.S.A.
 tel (937) 890-1100
 fax (937) 8905165
 www.pavetechnologyco.com

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

PART NUMBER
4174*

MATERIAL NOTED

REVISION LEVEL
 E

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