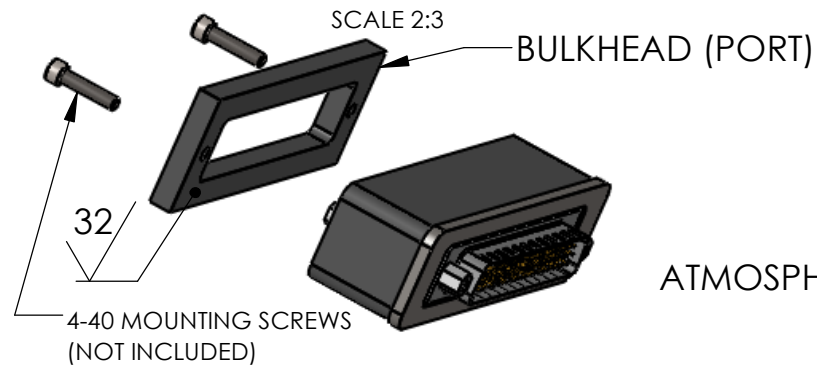
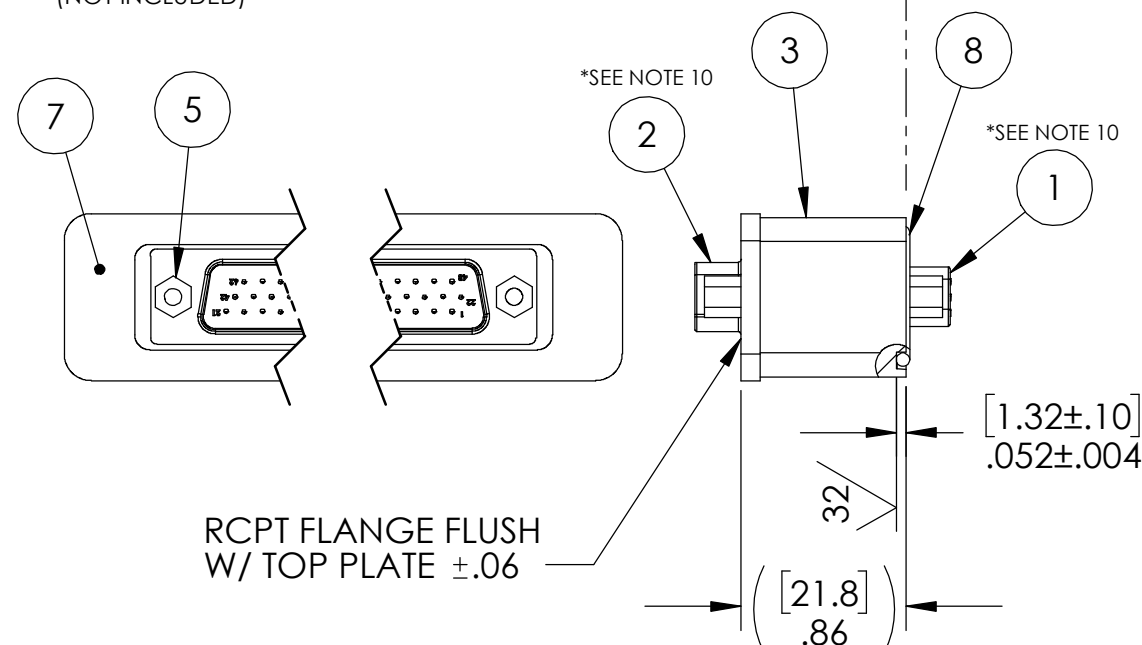


REF-PART INSTALLATION



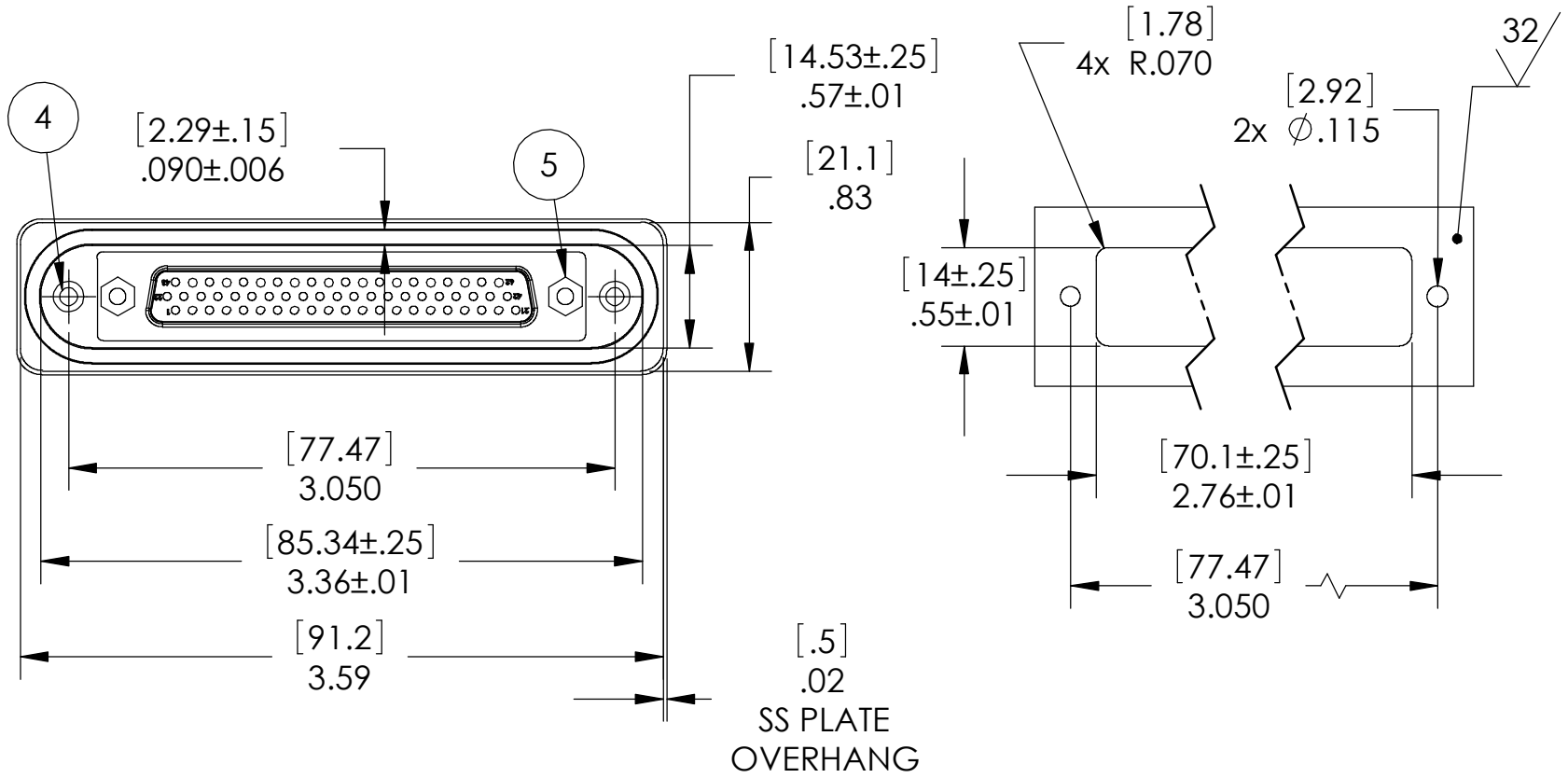
PAVE#	ITEM 6	ITEM 6 DESCRIPTION	TEMPERATURE
5171	-036 VITON LT	O-RING -036 LOW-TEMP VITON 75	-40 °C TO 105 °C
5171-1	-036 BUTYL	O-RING -036 BUTYL 70	-59 °C TO 105 °C

ATMOSPHERE | VACUUM



RCPT FLANGE FLUSH W/ TOP PLATE ±.06

SP58/13 INSTALLATION PORT
SECURE PART WITH APPROPRIATE LENGTH #4-40 SCREWS



NOTES:

- HE LEAK TEST @ 1 ATM 1X10⁻⁶ CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES 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 CONNECTOR FLANGES WITH MATING CONNECTORS.
- CONTINUITY TEST <0.5 Ohms MATING CONNECTOR TO MATING CONNECTOR.
- 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
- REF-OPERATING TEMPERATURE RANGE SEE TABLE.
- DIMENSIONS ARE INCHES [millimeters].
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- 5171-R IS REVERSED WITH SOCKETS ON ATMOSPHERE SIDE AND PINS ON THE VACUUM SIDE.

ITEM	QTY	PART NUMBER	DESCRIPTION
7	1	4096	PLATE TOP SS DSUB 37 PIN
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	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	180-062-103L001	PLUG D-SUB 62 PIN PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS
1	1	180-062-203L001	RCPT D-SUB 62 SOCKET PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS SOCKETS

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

DESCRIPTION
SP58/13-E-150-62-22-DSUB-DSUB

PART NUMBER *SEE TABLE MATERIAL NOTED

5171* 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