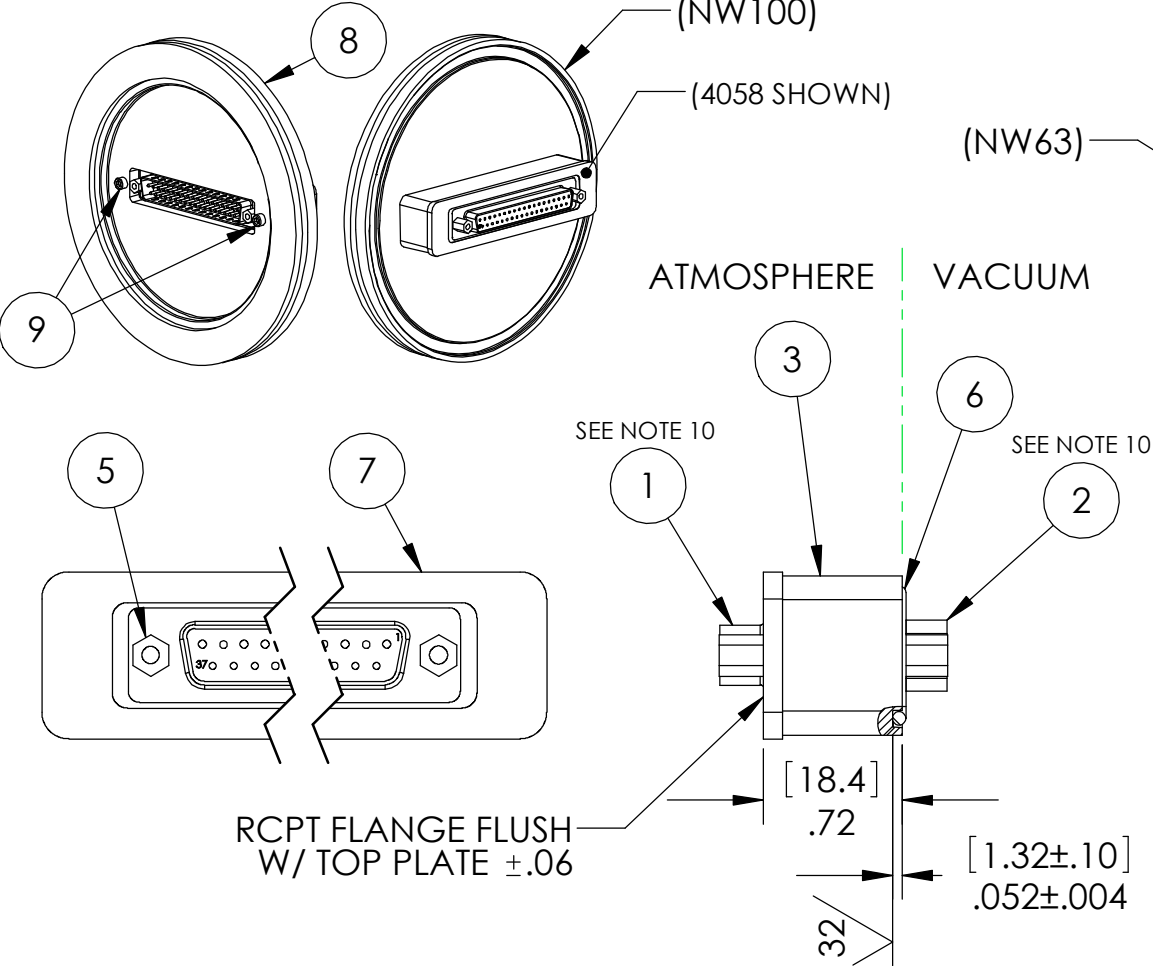


PAVE 4058-NW100 OR 4058R-NW100

SCALE: 1:3, SEE NOTES 10 & 11

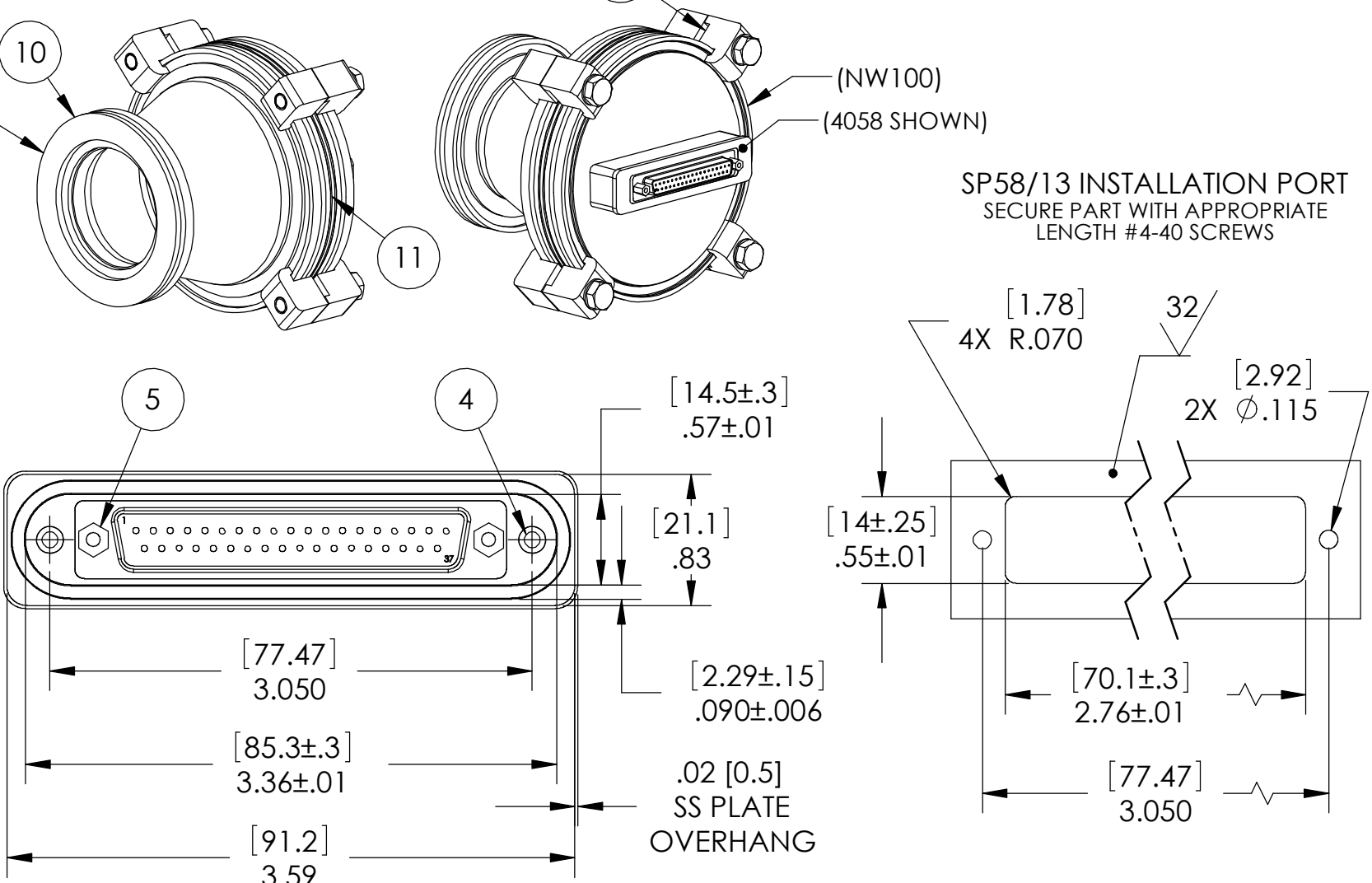


NOTES:


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.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO CONDUCTOR AND RECEPTACLE FLANGES WITH MATING CONNECTORS.
3. CONTINUITY TEST <0.5 Ohms MATING CONNECTOR TO MATING CONNECTOR.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. 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
7. REF-OPERATING TEMPERATURE RANGE -20°C TO 105°C.
8. DIMENSIONS ARE INCHES [millimeters].
9. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
10. 4058-R IS REVERSED WITH PINS ON ATMOSPHERE SIDE AND SOCKETS ON THE VACUUM SIDE. ADDING "R" TO 4058-NW100 OR 4058-NW63 INDICATES THE MOUNTED ASSEMBLY IS REVERSE. (E.G., 4058R-NW100 OR 4058R-NW63)
11. 4058-NW100 OR 4058R-NW100 ONLY SHIP INSTALLED AND LEAK TESTED, PER NOTE 1, IN ITEM 8 (NW100 ADAPTER) SECURED WITH ITEM 9 (#4-40 SCREWS).
12. 4058-NW63 OR 4058R-NW63 ONLY SHIP INSTALLED AND LEAK TESTED, PER NOTE 1, IN ITEM 8 (NW100 ADAPTER) SECURED WITH ITEM 9 (#4-40 SCREWS) THEN MOUNTED TO ITEM 10 (NW100-63 REDUCER), WITH ITEM 11 (VITON CENTERING RING) IN BETWEEN, USING ITEMS 12 (DOUBLE CLAW CLAMPS) TO SECURE TOGETHER.

PAVE 4058-NW63 OR 4058R-NW63


SCALE: 1:3, SEE NOTES 10 & 12



12	SEE NOTE 12	4	NW63-100 DCC AL	DOUBLE CLAW CLAMP NW63 THRU NW100 ALUMINUM
11	SEE NOTE 12	1	NW100-CR ALV	RING CENTERING NW100 ALUMINUM WITH VITON O-RING
10	SEE NOTE 12	1	NW100-63	NW100-63 FLANGE CONICAL REDUCER SS
9	SEE NOTE 11	2	4-40X.3125 SHCS	SCREW SHCS 4-40x.3125-SS
8	SEE NOTE 11	1	5699	FLANGE NW100-SS MODIFIED FOR SP58/13
7		1	4096	PLATE TOP SS DSUB 37 PIN
6		1	-036 VITON	O-RING -036 VITON 75
5		4	JACKPOST 4-40	"P" STYLE 4-40 UNC
4		2	YARDLEY#440A5-8	THREADED INSERT SS 4-40 X .12
3		A/R	PAVE-Seal 150	EPOXY BLACK
2		1	171-037-103L001	PLUG D-SUB 37 #20 PINS PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS PINS
1		1	171-037-203L001	RCPT D-SUB 37 #20 SOCKETS PBT INSULATOR, NICKEL PLATED STEEL SHELL, GOLD PLATED BRASS SOCKETS
ITEM	QTY		PART NUMBER	DESCRIPTION



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

DESCRIPTION	SP58/13-E-150-37-20-DSUB-DSUB		
PART NUMBER	*SEE NOTES 10, 11, & 12	MATERIAL	NOTED
4058*		REVISION LEVEL	E
		PROJECTION	

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ±.05
XX DECIMAL ±0.1 X.XX DECIMAL ±0.02 X.XXX DECIMAL ±0.005
ANGLES ±1 DEGREE SURFACE FINISH 128 microinch RMS