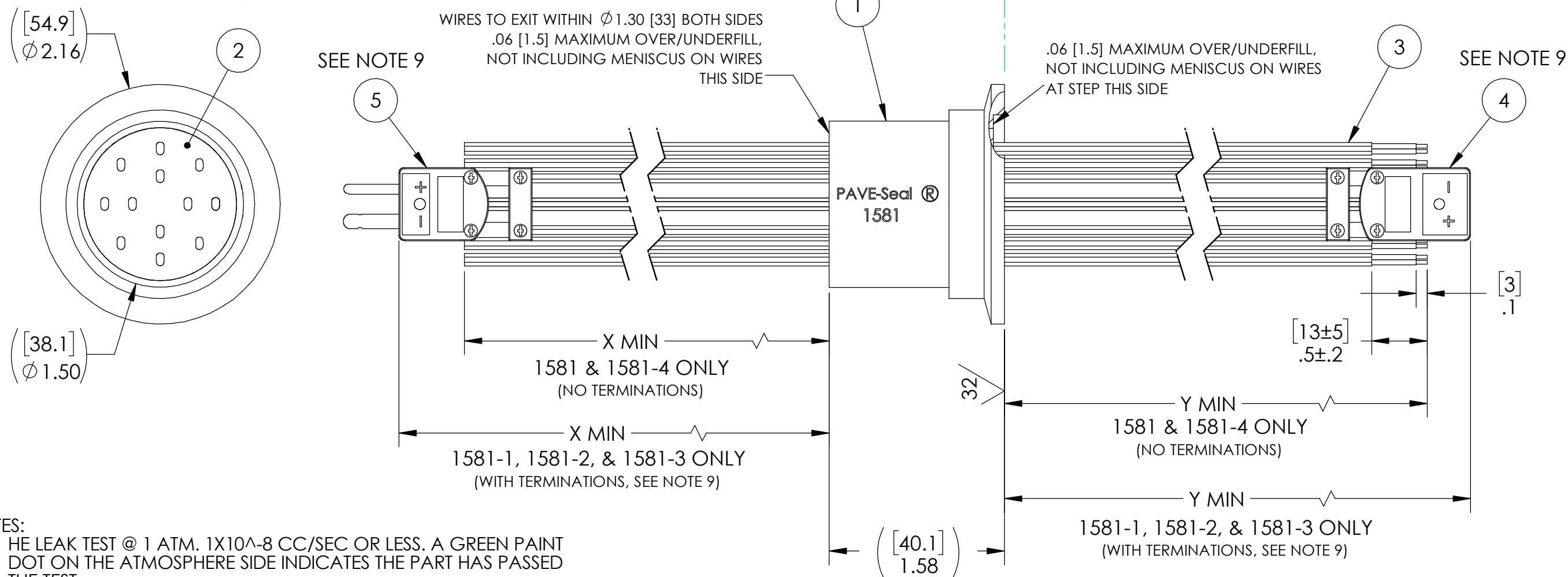


REMAINING CONNECTORS FOR 1581-1, 1581-2,
& 1581-3 NOT SHOWN FOR CLARITY IN ALL
VIEWS, SEE NOTE 9



NOTES:

1. HE LEAK TEST @ 1 ATM. 1×10^{-8} 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 WIRE TO WIRE AND HOUSING, MATING CONNECTORS ARE USED FOR FOR 1581-1, 1581-2, AND 1581-3 ONLY.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. DIMENSIONS ARE INCHES [millimeters].
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [.89] MAX ALLOWED VOID SIZE
 $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
7. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C .
8. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
9. 1581-1, 1581-2, AND 1581-3 ONLY ARE TERMINATED ON BOTH ENDS OF EACH CABLE AS SHOWN WITH ITEMS 4 & 5, THE YELLOW LEAD FROM ITEM 3 WILL BE CONNECTED TO THE POSITIVE (+) TERMINALS AND THE RED LEAD WILL BE CONNECTED TO THE NEGATIVE (-) TERMINALS.
10. WIRE EXIT POSITIONING IS APPROXIMATE & VARIABLE.

PAVE#	DESCRIPTION	X	Y
1581	NW40-SS-150-12P-KT20-48-48	48 [1219]	48 [1219]
1581-1	NW40-SS-150-12P-KT20-31.5T-31.5T	31.5 [800]	31.5 [800]
1581-2	NW40-SS-150-12P-KT20-31.5T-7.9T	31.5 [800]	7.9 [200]
1581-3	NW40-SS-150-12P-KT20-120T-180T	120 [3048]	180 [4572]
1581-4	NW40-SS-150-12P-KT20-120-60	120 [3048]	60 [1524]

5	SEE NOTE 9 12	SMPW-CC-K-M	CONNECTOR MALE TYPE K GLASS FILLED NYLON W/WINDOW & SR
4	SEE NOTE 9 12	SMPW-CC-K-F	CONNECTOR FEMALE TYPE K GLASS FILLED NYLON W/WINDOW & SR
3	12	KT20	CABLE T/C TYPE K 20AWG TEFLON
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3583	HOUSING NW40-SS
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 SEE TABLE			
PART NUMBER *SEE TABLE 1581*		MATERIAL NOTED	REVISION LEVEL G
		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