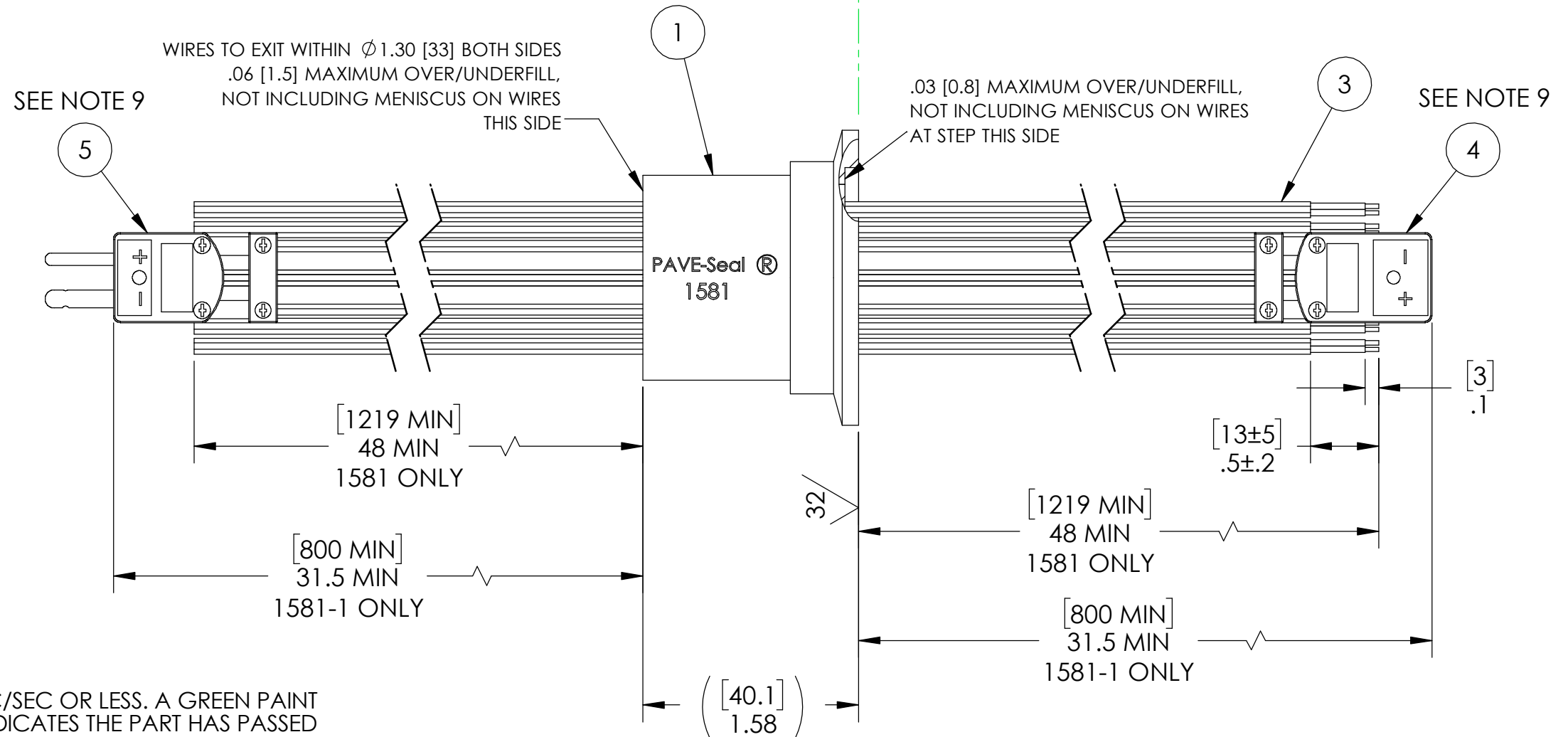
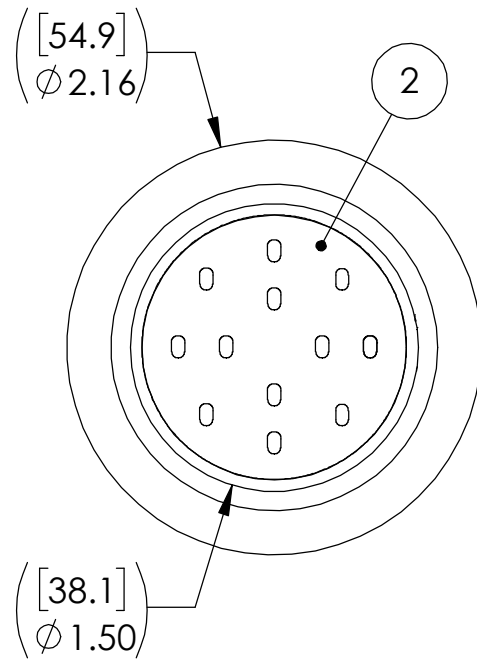


**REMAINING CONNECTORS FOR 1581-1 NOT SHOWN  
FOR CLARITY IN ALL VIEWS, SEE NOTE 9**



**NOTES:**

1. HE LEAK TEST @ 1 ATM. 1X10<sup>-8</sup> 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 WITH MATING CONNECTORS FOR 1581-1 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:  
 <= .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 125 °C.
8. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
9. 1581-1 ONLY IS 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
1581	NW40-SS-150-12P-KT20-48-48
1581-1	NW40-SS-150-12P-KT20-31.5T-31.5T

ITEM	QTY	PART NUMBER	DESCRIPTION
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 T #20 TEFLON FEP
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	3583	HOUSING NW40-SS

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

DESCRIPTION  
SEE TABLE

PART NUMBER  
**1581**

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