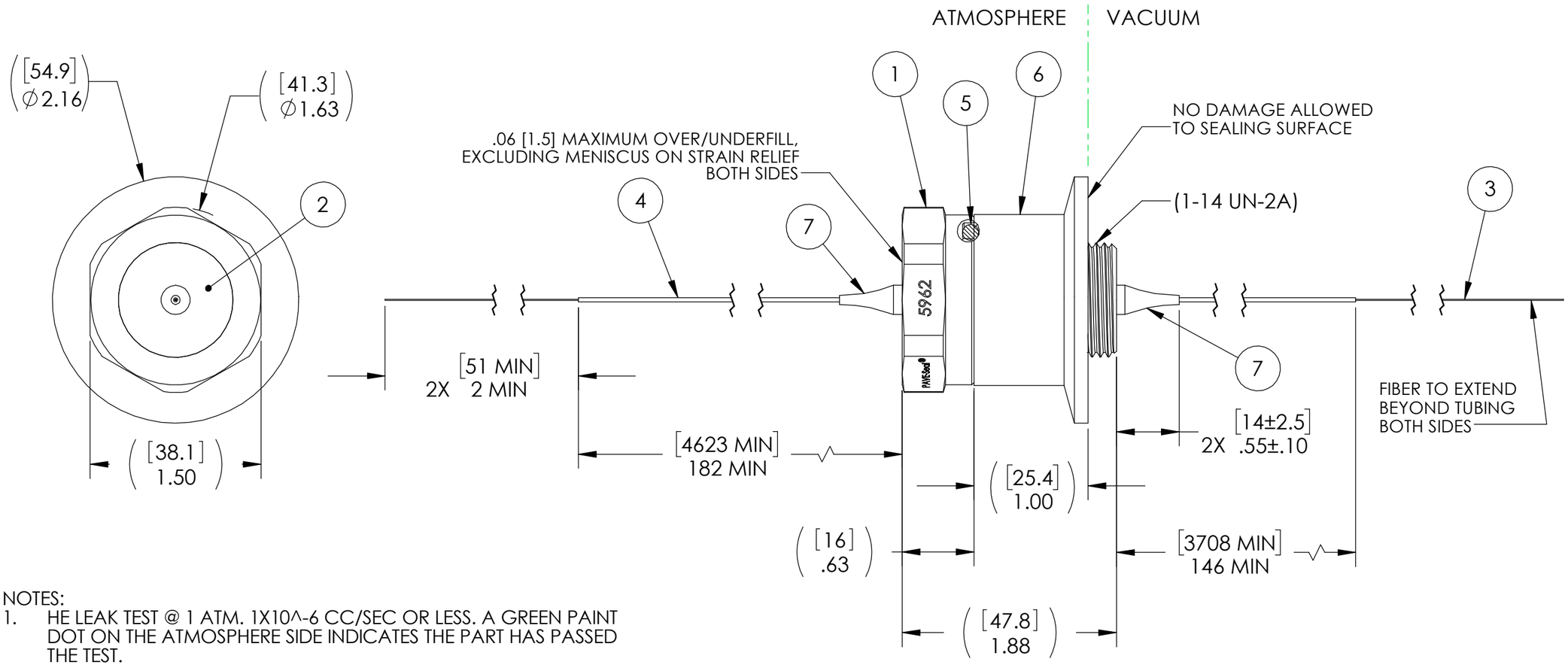

NOTES:

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. OPTICAL CONTINUITY TEST WITH LASER.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. FIBER POSITIONING IS APPROXIMATE & VARIABLE, FIBER IS NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER: ∅.035 [.89] MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER: ∅.060 [1.5] MAX ALLOWED VOID SIZE
7. DIMENSIONS ARE INCHES [millimeters].
8. REF-OPERATING TEMPERATURE RANGE -40°C TO 85°C.
9. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
10. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.

ITEM	QTY	PART NUMBER	DESCRIPTION
7	2	EFA70-07-001	STRAIN RELIEF BOOT 900um TPE BLACK
6	1	5119	HOUSING NW40-SS VS15 ADAPTER
5	1	-215 VITON LT	O-RING -215 VITON LOW-TEMP 75
4	2	AWG26SW-PTFE	TUBING 26 AWG TEFLON STANDARD WALL
3	1	PM98-U25D-H	FIBER OPTIC SINGLEMODE POLARIZATION MAINTAINING 245um ACRYLATE PM 980
2	A/R	PAVE-SeaL 150	EPOXY BLACK
1	1	0161	HOUSING VS15L-SS

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

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

DESCRIPTION
NW40/VS15L-SS-150-1-PMSMFO-182-146

PART NUMBER
5962

MATERIAL NOTED

REVISION LEVEL A

PROJECTION