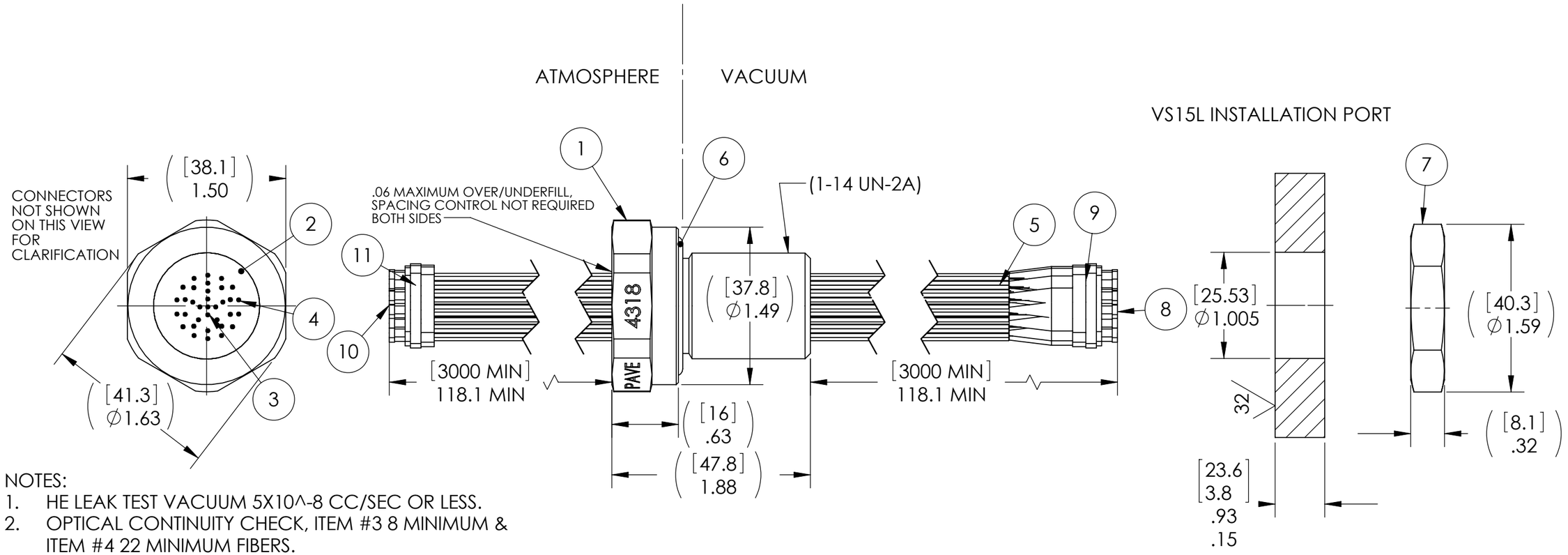

NOTES:

1. HE LEAK TEST VACUUM 5X10^-8 CC/SEC OR LESS.
2. OPTICAL CONTINUITY CHECK, ITEM #3 8 MINIMUM & ITEM #4 22 MINIMUM FIBERS.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. FIBER POSITIONING IS APPROXIMATE & VARIABLE.
6. VOIDS LARGER THAN ∅0.035 [.89] ARE NOT ACCEPTABLE.
7. REF-OPERATING TEMPERATURE -20˚C TO 125˚C.
8. 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.
9. DIMENSIONS ARE INCHES [millimeters].
10. BOTH ENDS TERMINATED BY COASTAL CONNECTIONS WITH ITEMS #8, #9, #10, & #11.
11. ITEM #3 LOCATED IN 10 INSIDE TUBES & ITEM #4 LOCATED IN 24 OUTSIDE TUBES.
12. ITEMS 3, 4, & 5 GO THROUGH VACUUM BAKE OUT AT 102˚C ±5˚ FOR 12 HOURS.
13. COASTAL CONNECTIONS INSERTION LOSS TEST REQUIREMENT: ITEM 3 IS ≤ 1.0 dB & ITEM 4 IS ≤ 0.2 dB.
14. COASTAL CONNECTIONS TO LABEL EACH FIBER ON BOTH ENDS WITH PVDF, (ie 780-1, 780-2 etc OR 1550-1, 1550-2 etc).

ITEM	QTY	PART #	DESCRIPTION
11	22	FC/APC 9/125	CONNECTOR FC/ACP 9/125 (FOR SM1550NM)
10	8	FC/APC 5/125	CONNECTOR FC/APC 5/125 (FOR SM780NM)
9	22	FC/APC 9/125 W/ BOOT	CONNECTOR FC/APC 9/125 WITH HYTREL BOOT (FOR SM1550NM)
8	8	FC/APC 5/125 W/ BOOT	CONNECTOR FC/APC 5/125 WITH HYTREL BOOT (FOR SM780NM)
7	1	0183	NUT VS15-SS
6	1	-215 VITON	O-RING -215 VITON 75
5	34	PTFE 23	TUBING .026 ID X .038 OD PTFE
4	24	SMF-28e+FIBER	FIBER OPTIC SINGLE MODE 28e
3	10	SM 780-HP	FIBER OPTIC SINGLE MODE 780-HP
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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DESCRIPTION: VS15L-SS-150-8/22-780NM/1550NM-3-3M

PART NUMBER: 4318

MATERIAL: NOTED

REVISION LEVEL: D

PROJECTION: