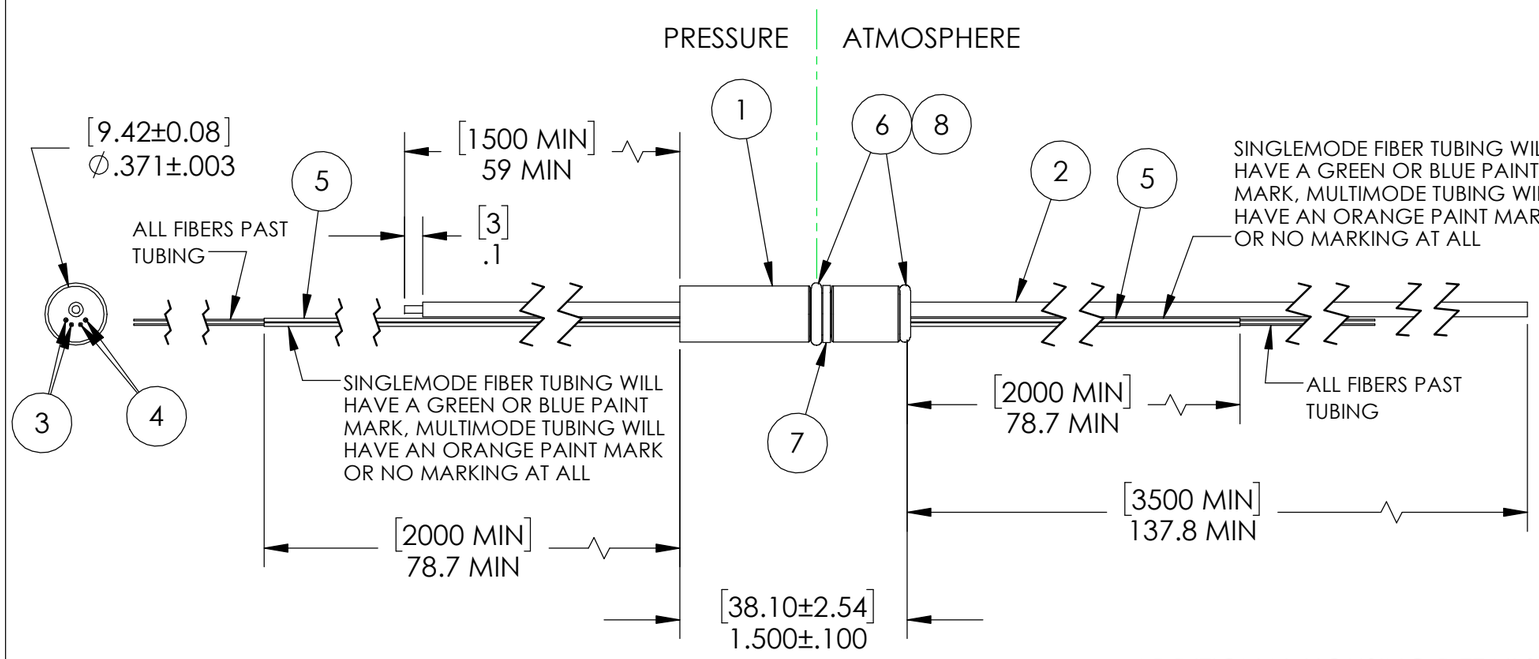
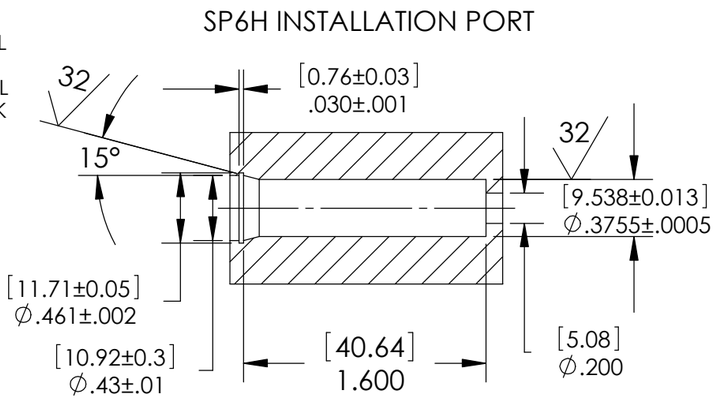
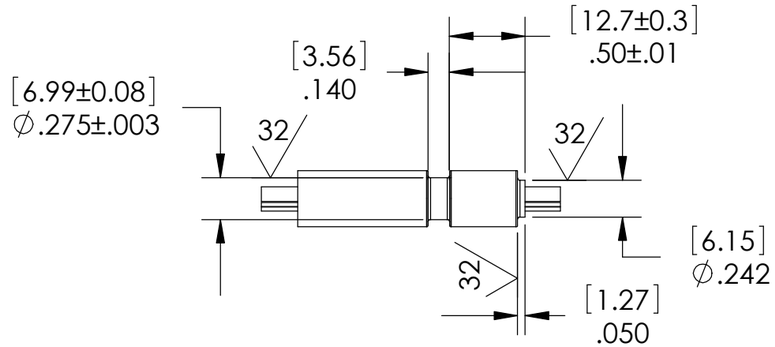




RECOMMENDED RETAINING RING
TRUARC N5000-43 OR EQUAL

ADDITIONAL HOUSING DETAILS
(O-RINGS & BACKUP RING REMOVED FOR CLARITY)



NOTES:
1. LEAK TEST: 10,000 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE OF THE EPOXY HOUSING INDICATES THE PART HAS PASSED THE TEST.
2. REF-CUSTOMER QUALIFICATION FOR USE AT 15,000 PSI.
3. OPTICAL CONTINUITY TEST ALL FIBERS WITH LASER. TUBING WITH THE SINGLEMODE FIBER WILL HAVE A CORRESPONDING GREEN OR BLUE PAINT MARK ON BOTH ENDS, MULTIMODE TUBING WILL HAVE AN ORANGE PAINT MARK ON BOTH ENDS OR NONE.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE & FIBER/TUBING POSITIONING IS APPROXIMATE & VARIABLE.
7. WIRE & FIBERS ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE, DO NOT PULL DIRECTLY ON TEFLON TUBING.
8. 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
9. REF-OPERATING TEMPERATURE RANGE -20°C TO 90°C.
10. DIMENSIONS ARE INCHES [millimeters].
11. 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.

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

ITEM	QTY	PART NUMBER	DESCRIPTION
8	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
7	1	B/U RING -010	BACK UP RING -010 SINGLE TURN PER MS28774
6	2	-010 VITON	O-RING -010 VITON 75
5	8	A-STT-30	TUBING .012"ID TEFLON SPAGHETTI
4	2	EZBENDSMFO	FIBER OPTIC SINGLE MODE 9/125/245 EZ-BEND LIGHTERA
3	2	CLEARCURVE MM	FIBER OPTIC 50/125um MULTIMODE CORNING
2	1	PC16 MWC BLK	WIRE 16 PVC MIL-W-16878/2 TYPE C 1000V
1	A/R	PAVE-Seal 150	EPOXY BLACK

PAVE technology co.
2751 Thunderhawk Court
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tel (937) 890-1100
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www.pavetechnologyco.com

DESCRIPTION
SP6H-E-150-1/2/2-PC16/SMFO/MMFO-79-138

PART NUMBER
6007

MATERIAL NOTED

REVISION LEVEL C

PROJECTION