



NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 3 MINUTES MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. OPTICAL CONTINUITY CHECK WITH LASER.
3. JACKET MAY BE TRIMMED BACK TO ALLOW CLEAVING OF THE FIBER FOR OPTICAL TESTING ON BOTH SIDES.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. FIBER POSITIONING IS APPROXIMATE & VARIABLE, FIBERS ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE -20°C TO 85°C.
9. DIMENSIONS ARE INCHES [millimeters].
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.

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
3	2	HFBR-RUSZ	CABLE FIBER OPTIC 1000um SIMPLEX POLYETHYLENE JACKET
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	2422-SS	HOUSING PT2-SS

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DESCRIPTION
 PT2-SS-150-2-1000umFO-35-35

PART NUMBER
5700

MATERIAL NOTED

REVISION LEVEL -

PROJECTION