



NOTES:

1. HE LEAK TEST VACUUM  $5 \times 10^{-9}$  CC/SEC OR LESS.
2. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
3. ALL PARTS MUST PASS ALL TESTS.
4. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 $\leq .5$  [12.7] SEAL DIAMETER:  $\phi .035$  [.89] MAX ALLOWED VOID SIZE  
 $> .5$  [12.7] SEAL DIAMETER:  $\phi .060$  [1.5] MAX ALLOWED VOID SIZE
5. REF-OPERATING TEMPERATURE  $-40^{\circ}\text{C}$  TO  $100^{\circ}\text{C}$ .
6. 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.
7. DIMENSIONS ARE INCHES [millimeters].
8. HOUSING MARKED PAVE-Seal @ 4490 & MMDDYY-XX FOR UNIQUE ID NUMBER.
9. PARTS CLEANED WITH ISOPROPYL ALCOHOL UNDER LAMINAR FLOW HOOD. CHECK UNDER 10X MAGNIFICATION AND PACKAGED IN INDIVIDUAL NON-PARTICULATE BAGS.
10. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

ITEM	QTY	PART NUMBER	DESCRIPTION
6	4	USCONEC6251	CONNECTOR MTP MALE 12 SINGLE MODE KIT
5	4	USCONEC6250	CONNECTOR MTP FEMALE 12 SINGLE MODE KIT
4	A/R	CONATHANE EN-21	POLYURETHANE RESIN AMBER LOW OUTGASSING
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	4	4510-BARE	FIBER RIBBON CABLE 12 FIBER <0.1dB INSERTION LOSS PER TURN AT 15mm BEND RADIUS MFD 9.8um±0.5u. SUMITOMO PURE ACCESS R15, CORNING CLEAR CURVE XB OR POFC BENDSAFE RIBBON FIBER
1	1	4507	HOUSING FL8/5 ALUMINUM


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DESCRIPTION  
 FL8/5-AL-150-4-12SMFO-12MPO-12MPO

PART NUMBER	MATERIAL	NOTED
4490		
REVISION LEVEL	A	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