



NOTES:

1. LEAK TEST: 10,000 PSI, NO BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. VISUAL OPTICAL CONTINUITY CHECK ALL FIBERS WITH LASER.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. FIBERS ARE 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: Ø.035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER: Ø.060 [1.5] MAX ALLOWED VOID SIZE
7. REF-OPERATING TEMPERATURE RANGE -20°C TO 135°C.
8. DIMENSIONS ARE INCHES [millimeters].
9. 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	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
6	1	B/U RING -008	BACK UP RING -008 SINGLE TURN
5	1	-008 VITON	O-RING -008 VITON 75
4	2	M23053/5-101	TUBING SHRINK POLYOLEFIN M23053/5-101-0
3	3	AC SM FIBER	FIBER SINGLE MODE ACRYLATE COATED 200um OD
2	3	PI SM FIBER	FIBER SINGLE MODE POLYIMIDE COATED 100um OD
1	A/R	PAVE-Seal 200	EPOXY BLACK

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DESCRIPTION  
 SP5X-E-200-3/3-PISMFO/ACSMFO-100-100

PART NUMBER  
**5604**

MATERIAL NOTED

REVISION LEVEL -

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