



NOTES:

1. LEAK TEST: (SEE TABLE), NO BUBBLES 15 SECONDS MINIMUM.
2. CONTINUITY TEST: OPTICAL CONTINUITY USING RED LASER.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. PERCENTAGE OF PARTS TESTED WILL BE 100% (MAY BE A LESSER PERCENTAGE FOR LARGE PRODUCTION QUANTITIES, UNLESS OTHERWISE NOTED OR REQUIRED).
5. DIMENSIONS ARE INCHES[MILLIMETERS].
6. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE -20°C TO 150°C .
9. ONE FIBER IS A SPARE, ASSEMBLY HAS 4 MINIMUM FIBERS.

2953-1	SMF28E	FIBER OPTIC SINGLE MODE 9/125um	196.85[5000] MINIMUM	196.85[5000] MINIMUM	5,800 PSI
2953	SMF-28	FIBER OPTICAL 8/125U SINGLE MODE	39.37[1000] MINIMUM	39.37[1000] MINIMUM	10,000 PSI
PART NUMBER	ITEM 5 PART#	ITEM 5 DESCRIPTION	A	B	LEAK TEST

6	10	A-STT-30	TUBING .012"ID TEFLON SPAGHETTI
5	5	SEE TABLE	SEE TABLE
4	1	-012 TEFLON	RING -012 TEFLON BACKUP SCARF CUT
3	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM BASED
2	2	-012 VITON	O-RING -012 VITON 75
1	A/R	PAVE-Seal 200	EPOXY BLACK
ITEM	QTY	PART#	DESCRIPTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5
 .X DECIMAL +/- 0.1 .XX DECIMAL +/- 0.02 .XXX DECIMAL +/-0.005
 ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS

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DESCRIPTION PAVE-Opti Seal™ Cable Harnesses
 SP8H-E-200-5-SMF28-A-B

PART NUMBER 2953

REVISION LEVEL B

PROJECTION