



NOTES:

1. 2905 LEAK TEST: 10,000 PSI, NO BUBBLES 1 MINUTES MINIMUM
2905-1 & 2905-3 HE LEAK TEST @ 1 ATM 10x10⁻⁸ CC/SEC
OR LESS. ASSEMBLY IS VACUUM TIGHT IN EITHER DIRECTION.
2. CONTINUITY TEST: OPTICAL CONTINUITY USING RED LASER.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. DIMENSIONS ARE INCHES [millimeters].
6. VOIDS LARGER THAN $\phi .035$ [.89] ARE NOT ACCEPTABLE.
7. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
8. ONE FIBER IS A SPARE, ASSEMBLY HAS 4 MINIMUM FIBERS.
9. 2905 TO USE PARKER O-LUBE (BARIUM-BASED), 2905-1 & 2905-3 TO USE NO O-RING LUBRICATION (DRY).

PART #	X	DESCRIPTION
2905	39.4 [1000]	VS8N-SS-150-5-SMF28-1000-1000mm
2905-1	39.4 [1000]	VS8N-SS-150-5-SMF28-1000-1000mm
2905-3	118.1 [3000]	VS8N-SS-150-5-SMF28-3000-3000mm

6	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
5	A/R	PAVE-Seal 150	PAVE-Seal 150
4	2	STT-13-50	TUBING .076IDx.008" THK TEFLON
3	5 (SEE NOTE 8)	SMF-28	FIBER OPTICAL 8/125uSINGLE MODE
2	2	-016 VITON	O-RING -016 VITON 75
1	1	2594	HOUSING VS8N HI-P
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
*SEE TABLE

PART NUMBER
2905*

MATERIAL NOTED

REVISION LEVEL
B

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