



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 TEST, ASSEMBLY MUST HAVE 3 GOOD FIBERS MINIMUM.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. FIBER POSITIONING IS APPROXIMATE & VARIABLE.
6. 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
7. DIMENSION IS OVERFILL ON PRESSURE SIDE OF HOUSING. ASSEMBLY MAY BE UNDERFILLED .08 [2.0] AS LONG AS THE 1.28 [32.5] DIMENSION IS WITHIN SPECIFICATION.
8. REF-OPERATING TEMPERATURE RANGE -25°C TO 115°C.
9. DIMENSIONS ARE INCHES [millimeters].

ITEM	QTY	PART NUMBER	DESCRIPTION
6	2	B-U M8791-1-013	BACK UP RING -013 SINGLE TURN
5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
4	3	-013 BUNA	O-RING -013 BUNA 75
3	8	STT-24-10	TUBING .022 ID TEFLON SPAGHETTI
2	4	MCF-0001	FIBER MULTI-CORE SINGLE-MODE
1	A/R	PAVE-Seal 200	EPOXY BLACK

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

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DESCRIPTION
 SP9/128-E-200-4-MCSMFO-144-96

PART NUMBER
5488

MATERIAL NOTED

REVISION LEVEL -

PROJECTION