



- NOTES:
1. LEAK TEST: 900 PSI, NO N2 BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
 2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE & SHIELDS.
 3. CONTINUITY TEST ALL SHIELDS < 0.5 OHM END TO END.
 4. OPTICAL CONTINUITY CHECK FIBERS WITH LASER.
 5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 6. ALL PARTS MUST PASS ALL TESTS.
 7. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
 8. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
 9. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
 10. REF-OPERATING TEMPERATURE -40 °C TO 85 °C.
 11. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
 12. DIMENSIONS ARE INCHES [millimeters].
 13. 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	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
6	2	-020 NM304-75	O-RING -020 NBR LOW TEMP 75
5	2	HSMF PU	CABLE FIBER OPTIC SINGLE MODE HERMETIC FIBER WITH ARAMID YARN AND PU JACKET
4	9	#28 TSP PU	CABLE #28 TSP WHT/BLK SPC BRAID PU JACKET
3	1	#18 TP FEP	CABLE #18 TP FEP RED & BLACK 7X24/40
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4834	HOUSING SP16S-E
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
SP16S-E-150-1/9/2-TP18/TSP28/SMFO-48-48

PART NUMBER
4893

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