



**NOTES:**

1. LEAK TEST: 80 PSI AIR NO BUBBLE 10 MINUTES. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HIPOT TEST: 20 VDC, 50 MEGOHMS MIN .01S WIRE TO WIRE
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. CABLE POSITIONING IS APPROXIMATE & VARIABLE.
6. 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.
7. REF-OPERATING TEMPERATURE -20°C TO 125°C.
8. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
9. DIMENSIONS ARE INCHES [millimeters].
10. 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.

5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
4	1	-016 VITON	O-RING -016 VITON 75
3	2	RST20S	CABLE #20 TYPE RX/SX THERMOCOUPLE PFA
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4603	HOUSING SP12-E
<b>ITEM</b>	<b>QTY</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>

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  
SP12-E-150-2P-RTS20-120-120

PART NUMBER <b>1808</b>	MATERIAL NOTED
REVISION LEVEL -	PROJECTION 