



NOTES:

1. LEAK TEST: 300 PSI, NO BUBBLES 1.5 MINUTES MINIMUM. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. QUALIFICATION TESTS ONLY:  
 A: THERMAL CYCLE -40°C TO 66°C (-40°F TO 150°F), 1/2 HOUR HOLD @ TEMPERATURE, 3 CYCLES  
 B: 1200 PSI LEAK TEST, NO N2 BUBBLES, 2 MINUTES MINIMUM  
 C: HE LEAK TEST @ 450 PSI, 3X10<sup>-8</sup> CC/SEC OR LESS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE, WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .5 [12.7] SEAL DIAMETER:  $\phi$ .035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER:  $\phi$ .060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
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.

7	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
6	1	-904 VITON	O-RING -904 VITON 75
5	1	E22 ORANGE	WIRE 22E MIL-W-16878/4 .010 7/#30
4	1	E22 GREEN	WIRE 22E MIL-W-16878/4 .010 7/#30
3	1	E22 BLK	WIRE 22E MIL-W-16878/4 .010 7/#30
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0830	HOUSING SO7-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION  
SO7-SS-150-3-TE22-18-18

PART NUMBER  
**1337**

MATERIAL NOTED

REVISION LEVEL  
C

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