



**NOTES:**

1. LEAK TEST: 1000 PSI, NO N2 BUBBLES 1 MINUTE MINIMUM.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN Ø0.035 [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON ATMOSPHERE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE -20°C TO 125°C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.001 [0.03] MAXIMUM.
10. DIMENSIONS ARE INCHES [millimeters].
11. 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.

\*SEE NOTE 7

|             |            |                    |                                     |
|-------------|------------|--------------------|-------------------------------------|
| 7           | A/R        | PARKER O-LUBE      | LUBRICANT O-RING BARIUM-BASED       |
| 6           | 1          | -010 VM128-75      | O-RING -010 MIL-R-83485 (VITON-GLT) |
| 5           | A/R        | URETHANE           | URETHANE BLACK                      |
| 4           | 1          | E22 YEL 19STRD     | WIRE 22E MIL-W-16878/4 .010 19/#34  |
| 3           | 1          | E22 ORG 19STRD     | WIRE 22E MIL-W-16878/4 .010 19/#34  |
| 2           | A/R        | PAVE-Seal 150      | EPOXY BLACK                         |
| 1           | 1          | 0168               | HOUSING SP6-E                       |
| <b>ITEM</b> | <b>QTY</b> | <b>PART NUMBER</b> | <b>DESCRIPTION</b>                  |

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DESCRIPTION  
 SP6-E-150-2-TE22-300-12

PART NUMBER  
**4642**

MATERIAL NOTED

REVISION LEVEL  
 A

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