



**NOTES:**

1. LEAK TEST: 150 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  $\phi 0.035$  [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 -30 °C TO 125 °C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] 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.

|             |            |                    |                                 |
|-------------|------------|--------------------|---------------------------------|
| 11          | A/R        | PARKER O-LUBE      | LUBRICANT O-RING BARIUM-BASED   |
| 10          | 1          | -016 HNBR          | O-RING -016 HNBR 70             |
| 9           | 1          | EE24 WHT 7STRD     | WIRE 24EE MIL-W-16878/5 7/#32   |
| 8           | 1          | EE24 GRAY          | WIRE 24EE MIL-W-16878/5 7/#32   |
| 7           | 1          | EE24 ORG 7STR      | WIRE 24EE MIL-W-16878/5 7/#32   |
| 6           | 1          | EE24 RED 7STRD     | WIRE 24EE MIL-W-16878/5 7/#32   |
| 5           | 1          | TZ12 WHT           | WIRE TZ12 MIL-W-22759/32 37/#28 |
| 4           | 1          | TZ12 RED NICKEL    | WIRE TZ12 MIL-W-22759/41 37/#28 |
| 3           | 1          | TZ12 BLK NICKEL    | WIRE TZ12 MIL-W-22759/41 37/#28 |
| 2           | A/R        | PAVE-Seal 150      | EPOXY BLACK                     |
| 1           | 1          | 0130               | HOUSING SPF12-E                 |
| <b>ITEM</b> | <b>QTY</b> | <b>PART NUMBER</b> | <b>DESCRIPTION</b>              |

**PAVE technology co.**  
 2751 Thunderhawk Court  
 Dayton, OH 45414-3445  
 U.S.A.  
 tel (937) 890-1100  
 fax (937) 8905165  
 www.pavetechnologyco.com

DESCRIPTION  
 SPF12-E-150-3/4-TZ12/TEE24-8-18

PART NUMBER  
**4605**

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