



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10<sup>-6</sup> CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. ELECTRICAL TEST: 1200 VAC, <2mA LEAKAGE ALL WIRES TO INSTALLATION PORT, 1 MINUTE MINIMUM.
3. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 10 SECONDS MINIMUM WIRE TO WIRE AND INSTALLATION PORT, TEST IS PERFORMED AFTER 1200 VAC ELECTRICAL TEST (NOTE 2).
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
7. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
8. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .5 [12.7] SEAL DIAMETER: Ø.035 [.89] MAX ALLOWED VOID SIZE  
 > .5 [12.7] SEAL DIAMETER: Ø.060 [1.5] MAX ALLOWED VOID SIZE
9. DIMENSIONS ARE INCHES [millimeters].
10. REF-OPERATING TEMPERATURE RANGE -73 °C TO 125°C.
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.
12. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.001 [0.03] MAXIMUM.
13. WIRE COLOR PAIRS TO BE LOCATED ADJACENT AS FOLLOWS: BLACK & WHITE, VIOLET & GREEN, BLUE & ORANGE

| 10   | A/R | SUPER O-LUBE  | LUBRICANT O-RING SILICONE-BASED    |
|------|-----|---------------|------------------------------------|
| 9    | 1   | -010 FLURO    | O-RING -010 FLUROSILICONE LM100-70 |
| 8    | 1   | TZ26 BLACK    | WIRE 26 TEFZEL M22759/32 19/#38    |
| 7    | 1   | TZ26 WHITE    | WIRE 26 TEFZEL M22759/32 19/#38    |
| 6    | 1   | TZ26 VIOLET   | WIRE 26 TEFZEL M22759/32 19/#38    |
| 5    | 1   | TZ26 GREEN    | WIRE 26 TEFZEL M22759/32 19/#38    |
| 4    | 1   | TZ26 ORANGE   | WIRE 26 TEFZEL M22759/32 19/#38    |
| 3    | 1   | TZ26 BLUE     | WIRE 26 TEFZEL M22759/32 19/#38    |
| 2    | A/R | PAVE-Seal 150 | EPOXY BLACK                        |
| 1    | 1   | 0168          | HOUSING SP6-E                      |
| ITEM | QTY | PART NUMBER   | DESCRIPTION                        |

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DESCRIPTION  
SP6-E-150-6-TZ26-15-15

PART NUMBER  
**5659**

MATERIAL NOTED

REVISION LEVEL  
B

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