



NOTES:

1. HE LEAK TEST @ 1ATM 10X10<sup>-9</sup> CC/SEC OR LESS.
2. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR HELIUM LEAK TESTING.
3. HYPOT 500 VDC 100 MEGOHMS MINIMUM 5.0 SECONDS MINIMUM WIRE TO WIRE TO SHIELDS AND HOUSING.
4. CONTINUITY TEST ALL SHIELDS < 2.0 OHMS END TO END.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
8. COSMETIC SURFACE VOIDS SMALLER THAN  $\phi 0.035$  [0.89] ARE ACCEPTABLE.
9. REF-OPERATING TEMPERATURE RANGE -45°F TO 225°F [-43°C TO 107°C].
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.

| 8    | 1   | 0102          | NUT VS32-SS                                     |
|------|-----|---------------|---|
| 7    | 1   | -231 N103-70  | O-RING -231 LOW TEMP NITRILE N103-70            |
| 6    | 11  | TZ22/33 WHT   | WIRE 22TZ M22759/33-22 19/#34 SPC               |
| 5    | 3   | M17/176-00002 | CABLE #24 TSP PTFE WHT/BLU SPC BRAID PFA JACKET |
| 4    | 189 | TZ26/44 WHT   | WIRE 26TZ M22759/44-26 19/#38 SPC               |
| 3    | 29  | 1096-SRK      | CABLE #26 TSP PTFE WHT/BLU SPC BRAID PI JACKET  |
| 2    | A/R | PAVE-Seal 150 | EPOXY BLACK                                     |
| 1    | 1   | 0101          | HOUSING VS32-SS                                 |
| ITEM | QTY | PART NUMBER   | DESCRIPTION                                     |

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DESCRIPTION  
 VS32-SS-150-29/189/3/11-TSP26/TZ26/TSP24/TZ22-24-24

PART NUMBER  
**4594**

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