

- 1. HE LEAK TEST @1 ATM. 1X10^-6 CC/SEC OR LESS. 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. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- 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:  $\emptyset$ .035 [.89] MAX ALLOWED VOID SIZE > .5 [12.7] SEAL DIAMETER:  $\emptyset$ .060 [1.5] MAX ALLOWED VOID SIZE
- 8. DIMENSIONS ARE INCHES [millimeters].
- 9. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
- 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.

| ITEM | QTY | PART NUMBER     | DESCRIPTION                   | 5552                               | REVISION B     | PROJECTION O                                      |
|------|-----|-----------------|-------------------------------|------------------------------------|----------------|---|
| 1    | 1   | 1128            | HOUSING VS15L-AL              | PART NUMBER                        | MATERIAL NOTED |   |
| 2    | A/R | PAVE-Seal 150   | EPOXY BLACK                   | VS15L-AL-150-16P/8-KT28/TE26-13-17 |                |   |
| 3    | 16  | KT28            | CABLE T/C TYPE K 28AWG TEFLON | DESCRIPTION                        |                | www.pavetechnologyco.com                          |
| 4    | 2   | E26 BLACK 7STRD | WIRE 26E MIL-W-16878/4 7/#34  | PAVE Leding                        | ത്രിയം.        | U.S.A.<br>tel (937) 890-1100<br>fax (937) 8905165 |
| 5    | 2   | E26 GREEN       | WIRE 26E MIL-W-16878/4 7/#34  |                                    |                | 2751 Thunderhawk Court<br>Dayton, OH 45414-3445   |
| 6    | 2   | E26 RED         | WIRE 26E MIL-W-16878/4 7/#34  |                                    |                |   |
| 7    | 2   | E26 WHITE       | WIRE 26E MIL-W-16878/4 7/#34  |                                    |                |   |
| 8    | 1   | -215 VITON      | O-RING -215 VITON 75          |                                    |                |   |
| 9    | 1   | 1129            | NUT VS15-AL                   |                                    |                |   |

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES. ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ±0.5 X.X DECIMAL ±0.10 X.XX DECIMAL ±0.005 ANGLES +1 DEGREE SURFACE FINISH 128 microjach RMS