



NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 1.5 MINUTES MINIMUM. 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 TO SHIELDS AND HOUSING.
3. CONTINUITY TEST EACH SHIELD < 0.5 OHM END TO END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. CABLE POSITIONING IS APPROXIMATE & VARIABLE.
7. CABLES 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: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
9. DIMENSIONS ARE INCHES [millimeters].
10. REF-OPERATING TEMPERATURE RANGE -20 °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. CABLES WILL BE MARKED WITH A UNIQUE NUMBER (1-5), USING THE SAME NUMBER ON BOTH ENDS OF THE SAME CABLE.

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|---------------|---|
| 8 | 10 | - SEE NOTE 12 | BRADY WIRE MARKERS NUMBERED 1-5 |
| 7 | 1 | 0183 | NUT VS15-SS |
| 6 | 1 | -215 VITON | O-RING -215 VITON 75 |
| 5 | 2 | USB2624 | CABLE USB 2.0 SHIELDED PFA INSULATED SPC CONDUCTORS SPC DRAIN/BRAID/FOIL PTFE JACKET |
| 4 | 1 | USB3-2624-9 | CABLE USB 3.1 SHIELDED FLUOROPOLYMER INSULATED SPC CONDUCTORS SPC DRAINS/BRAID/FOIL ETFE JACKET |
| 3 | 2 | DXN2603 | CABLE #26 (19/#38 SPC) TSP PTFE WHT/BLU SPC BRAID PTFE JACKET 100 OHM |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 0161 | HOUSING VS15L-SS |

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DESCRIPTION
VS15L-SS-150-2/1/2-TSP26/USB3.1/USB2.0-34-34

| | | |
|----------------|----------|------------|
| PART NUMBER | MATERIAL | NOTED |
| 5459 | | |
| REVISION LEVEL | - | 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