



NOTES:

1. LEAK TEST: 80 PSI, NO N2 BUBBLES 7 MINUTES MINIMUM. TEST TO BE PERFORMED WITH PRESSURE ON THE THREAD SIDE OF HOUSING, PART TO BE USED WITH PRESSURE ON THE HEX SIDE OF HOUSING.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. 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: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
8. MARK EACH WIRE WITH A UNIQUE NUMBER, 1 THROUGH 12, USING THE SAME NUMBER ON BOTH ENDS OF THE SAME WIRE.
9. REF-OPERATING TEMPERATURE RANGE -35 °C TO 125 °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.

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|--------------------|---|
| 6 | 24 | BRADY WIRE MARKERS | WIRE MARKER BRADY (NUMBERED 1-12) |
| 5 | 1 | 0199 | NUT VS22-SS |
| 4 | 1 | 2-224 V1226-75 | O-RING -224 VITON -35C V1226-75 |
| 3 | 12 | TZ12 WHT | WIRE TZ12 MIL-W-22759/32-12-9 37/28 STR |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 0189/304SS | HOUSING VS22-SS |

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|---|------------------------------------|
| DESCRIPTION VS22-304SS-150-12-TZ12-96-72 | |
| PART NUMBER 4355 | 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