



NOTES:

1. LEAK TEST: 900 PSI, NO N2 BUBBLES 1 MINUTE 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 AND HOUSING.
3. CONTINUITY CHECK ITEM 4 SHIELD <0.5 OHM END TO END.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
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. REF-OPERATING TEMPERATURE RANGE -20 °C TO 75 °C.
9. 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.
10. DIMENSIONS ARE INCHES [millimeters].

| 4 | 1 | M27500-20TG2T14 | CABLE 2/C #20 TSP TIN PLATED 600V ETFE INSULATION TEFLON JACKET |
|------|-----|-----------------|---|
| 3 | 2 | BELDEN 1592A | CABLE 4TP 24AWG CAT5e UNSHIELDED PO INSULATION PVC JACKET BELDEN OR EQUAL |
| 2 | A/R | PAVE-Seal 150FR | EPOXY BLACK FLAME RESISTANT |
| 1 | 1 | 3297 | HOUSING PT12-SS |
| ITEM | QTY | PART NUMBER | DESCRIPTION |

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DESCRIPTION
PT12-SS-150FR-2/1TSP-CAT5e/TZ20-60-60

| | |
|----------------------------|-------------------|
| PART NUMBER 6130 | MATERIAL NOTED |
| REVISION LEVEL A | 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