



NOTES:

1. LEAK TEST: 750 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. QUALIFICATION ONLY: 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. TUBE POSITIONING IS APPROXIMATE & VARIABLE, TUBES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
6. EACH TUBE CONTAINS A BUNDLE OF 4 WIRES AND WILL BE LABELED 1 THROUGH 7 ON BOTH ENDS, EACH OF THE 4 WIRES IN EACH BUNDLE WILL BE LABELED 1 THROUGH 4 ON BOTH ENDS.
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 -43°C TO 107°C.
9. DIMENSIONS ARE INCHES [millimeters].
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.

| 7 | 70 | BRADY WIRE MARKERS | WIRE MARKER BRADY (SEE NOTE 6) |
|------|-----|--------------------|---------------------------------|
| 6 | A/R | PARKER O-LUBE | LUBRICANT O-RING BARIUM-BASED |
| 5 | 1 | -905 NEOPRENE | O-RING -905 NEOPRENE 70 |
| 4 | 7 | PTFE 23 | TUBING .026 ID X .038 OD PTFE |
| 3 | 28 | K32 | WIRE 32 KAPTON SOLID |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 2074 | HOUSING SO8S-SS (300 SERIES SS) |
| ITEM | QTY | PART NUMBER | DESCRIPTION |

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DESCRIPTION
 SO8-SS-150-28-K32-24-24

PART NUMBER
5992

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