


NOTES:

1. LEAK TEST: PRESSURE PER TABLE, NO N2 BUBBLES MINIMUM TIME PER TABLE. 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. 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. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°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.

| PAVE# | PRESSURE | TIME |
|--------|----------|-----------|
| 1522 | 4000 PSI | 1 MINUTE |
| 1522-1 | 5000 PSI | 1 MINUTE |
| 1522-2 | 600 PSI | 1 MINUTE |
| 1522-3 | 80 PSI | 2 MINUTES |

| ITEM | QTY | PART NUMBER | DESCRIPTION |
|------|-----|---------------|-------------------------------------|
| 5 | A/R | PARKER O-LUBE | LUBRICANT O-RING BARIUM-BASED |
| 4 | 1 | -905 VITON | O-RING -905 VITON 75 |
| 3 | 8 | E24 WHT | WIRE 24E MIL-W-22759/11 .010 19/#36 |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 2074 | HOUSING SO8S-SS |


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DESCRIPTION
 SO8-SS-150-8-TE24-24-24

PART NUMBER *SEE TABLE MATERIAL NOTED
1522*

REVISION LEVEL G 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