



NOTES:

1. LEAK TEST: 500 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE WITH MATING CONNECTOR.
3. CONTINUITY TEST: LESS THAN .5 OHMS SOCKET TO WIRE END
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE.
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE RANGE -55°C TO 120°C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
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.

| COLOR | RED | BLK | NOT USED | BK/RED | BK/WHITE |
|----------|-----|-----|----------|--------|----------|
| POSITION | 1 | 2 | 3 | 4 | 5 |

| 9 | 1 | A22000-001 | PLUG MICRO CIRCULAR 5 PIN OMNETICS |
|------|-----|-----------------|---|
| 8 | A/R | PARKER O-LUBE | LUBRICANT O-RING BARIUM-BASED |
| 7 | 2 | -012 E0692-75 | O-RING -012 E0692-75 ASTM D2000 SAE J200 |
| 6 | 1 | HYTREL 28 BK/WH | WIRE 28 AWG HYTREL 7 STRAND BLACK W/ WHITE STRIPE |
| 5 | 1 | HYTREL 28 BK/RD | WIRE 28 AWG HYTREL 7 STRAND BLACK W/ RED STRIPE |
| 4 | 1 | HYTREL 28 RED | WIRE 28 AWG HYTREL 7 STRAND RED |
| 3 | 1 | HYTREL 28 BLK | WIRE 28 AWG HYTREL 7 STRAND BLACK |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 1226M | HOUSING SP8M-E |
| ITEM | QTY | PART NUMBER | DESCRIPTION |

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DESCRIPTION
 SP8M-E-150-4-HYT28-18-PLUG

PART NUMBER
4989

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