



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 ϕ 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	A22001-001	RCPT MICRO CIRCULAR 5 SOC 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-RCPT

PART NUMBER
4970

MATERIAL NOTED
 REVISION LEVEL B
 PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE \pm 0.5
 X.X DECIMAL \pm 0.1 X.XX DECIMAL \pm 0.02 X.XXX DECIMAL \pm 0.005
 ANGLES \pm 1 DEGREE SURFACE FINISH 128 microinch RMS