



NOTES:

1. LEAK TEST:  
3630: 5000 PSI N2, NO BUBBLES 30 SECONDS MINIMUM.  
3630-1: 500 PSI, NO BUBBLES 1 MINUTE MINIMUM.  
A GREEN PAINT DOT INDICATES PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. CONTINUITY CHECK WIRE END TO SOLDER CUP LISTED ON TABLE.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
  - <= .5 [12.7] SEAL DIAMETER:  $\phi$ .035 [.89] MAX ALLOWED VOID SIZE
  - > .5 [12.7] SEAL DIAMETER:  $\phi$ .060 [1.5] MAX ALLOWED VOID SIZE
7. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
8. ORIENTATION OF SOLDER CUPS IS NOT CONTROLLED.
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.
11. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.

PART #	DESCRIPTION	X	CONTINUITY
3630	SO12-SS-150-6-TEE18-8-SC	8 [203]	<5.66mΩ
3630-1	SO12-SS-150-6-TEE18-96-SC	96 [2438]	<55.41mΩ

11	A/R	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED
10	1	-908 EPDM	O-RING -908 EPDM 70
9	1	EE18 UL1180 BLK	WIRE 18EE UL1180 .014 7/#26
8	1	EE18 UL1180 GRN	WIRE 18EE UL1180 .014 7/#26
7	1	EE18 UL1180 WHT	WIRE 18EE UL1180 .014 7/#26
6	1	EE18 UL1180 BLU	WIRE 18EE UL1180 .014 7/#26
5	1	EE18 UL1180 YEL	WIRE 18EE UL1180 .014 7/#26
4	1	EE18 UL1180 RED	WIRE 18EE UL1180 .014 7/#26
3	6	AMP #66569	CONTACT SOLDER CUP #20 Sn/Ni PLATED BRONZE
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	2147	HOUSING SO12-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION: SEE TABLE

PART NUMBER: **3630**

MATERIAL: NOTED

REVISION LEVEL: D

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