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112 3 I PRODUCT NUMBER 51730-098 NOTE: 3 NOTES: I. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME YI4.5M. 1994 UNLESS OTHERWISE SPECIFIED. CONNECTOR NOTES: HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC POWER CONTACT MATERIAL: COPPER ALLOY SIGNAL PIN MATERIAL: COPPER ALLOY 3. PLATING: Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA 51930-098 AND 1000"/2.54um SnPb PLATING OVER 500"/1.27um Ni ON THE TERMINATION SECTION. Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA, AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION. Singal Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA. 51930-0981F AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION. Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA. AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION. PART NUMBER 51930-098LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008. THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD. Δ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE. 5. PRODUCT SPECIFICATION GS-12-149. APPLICATION SPECIFICATION BUS-20-067. 6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

Ø.0453±.0010 [1.151±0.025] DRILLED HOLES PLATED WITH

.0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE Ø.040±.003 [1.02±.07] HOLE.

(10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

CONNECTOR KEEP-OUT ZONE.

mat'l code			SEE NOTE 2		2	tolerances unless otherwise specified					CUSTOMER				D	k						
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PDM: Rev:B

STATUS: Released Printed: Dec 20, 2010

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## **Mouser Electronics**

**Authorized Distributor** 

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FCI / Amphenol: 51730-098