

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[51750-049LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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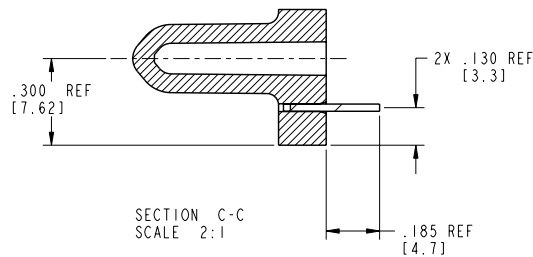
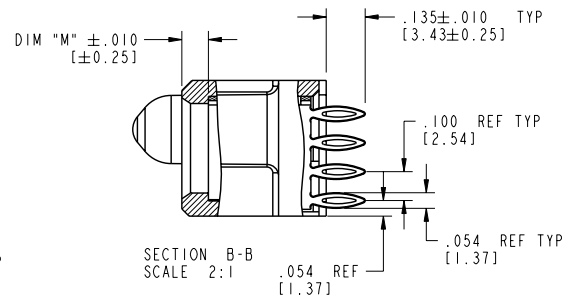
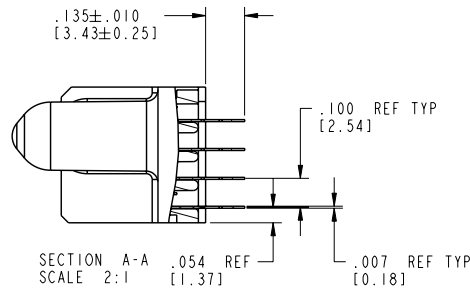
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B

PRODUCT NUMBER
51750-049--
NOTE: 3



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear		XX±.01/0.X±0.3		COPY		title	6P + 48S + 6P	code	213
D						.XXX±.005/0.XX±0.13		projection		VERTICAL PRESS-FIT RECEPT		sheet	2 of 4
				angles		.XXX±.002/0.XX±0.051				product family	PwrBlade		
				dr	T. BRUNGARD	05/07/03		INCH/MM		size			
				engr	M. MOSTOLLER	05/07/03		scale	1:1	dwg no	51750-049		
				chr	M. MOSTOLLER	05/07/03							
				appd	M. MOSTOLLER	05/07/03							
sheet index		revision sheet											

Pro/E

cage code 22526

PDM: Rev:D

STATUS:Released

Printed: Dec 20, 2010

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NOTE: 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

2 HOUSING MATERIAL: UL 94 V-0 GLASS FILLED

HIGH-TEMP THERMOPLASTIC

POWER CONTACT MATERIAL: COPPER ALLOY

SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:

51750-049 Singal 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.
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.

51750-049LF Singal 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.
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 51750-049LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER ICOUNTRY 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.

4 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.

8 MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9 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.

11 CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$		COPY		title	6P + 48S + 6P	
D					$.XXX \pm .005/0.XX \pm 0.13$		projection				
				angles	$.XXX \pm .002/0.XX \pm 0.051$				VERTICAL PRESS-FIT RECEPT		
					$0^\circ \pm 2^\circ$						
				dr	T. BRUNGARD	05/07/03	INCH/MM		product family	PwrBlade	code
				engr	M. MOSTOLLER	05/07/03	size		dwg no		213
				chr	M. MOSTOLLER	05/07/03	scale		A	51750-049	sheet
				appd	M. MOSTOLLER	05/07/03	1:1				4 of 4
sheet index		revision		sheet							

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