

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[51940-114LF](#)

For any questions, you can email us directly:

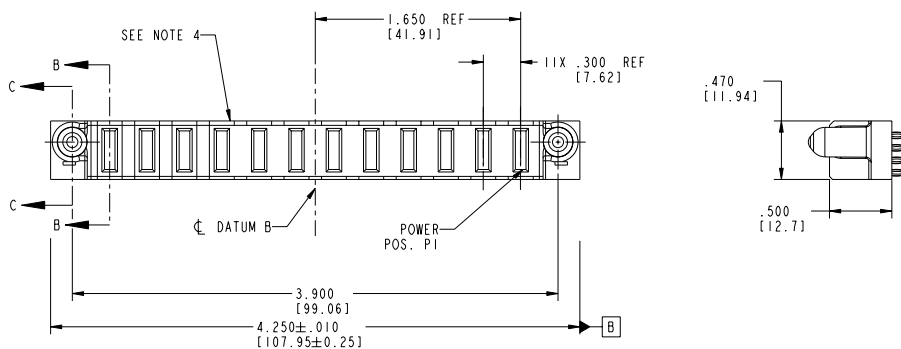
sales@integrated-circuit.com

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FCI

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PRODUCT NO.	POWER													E1
	E2	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	
51940-114- NOTE:3		PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	.042 [1.07]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date			linear	XX±.01/0.XX±0.3	COPY		title	12ACP		
A	DG04-0102	SW	01/04/05				XX±.005/0.XX±0.13	projection		VERTICAL PRESS-FIT RECEPT			
B	DG05-0341	CS	09/20/05			angles	XX±.0020/0.XX±0.051	INCH/MM		product family	PwrBlade	code	213
						dr	STEVEN WANG 01/04/05	scale	1:1	size	dwg no	51940-114	sheet
						enr	LH 01/04/05						1 of 4
						chr	VICTOR LIN 01/04/05						
						appd	JOSEPH HSIA 01/04/05						
sheet	revision	B	B	B	B								
index	sheet	1	2	3	4								

Pro/E

PDM: Rev:B

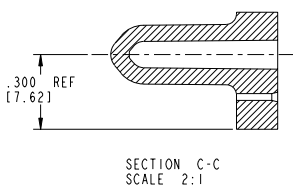
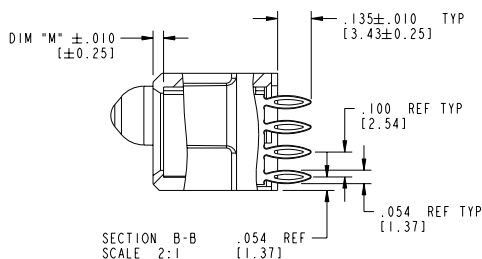
STATUS: Released

Printed: Sep 22, 2006

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PRODUCT NUMBER
51940-114-
NOTE:3



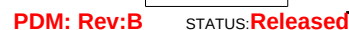
mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecm no.	dr	date	linear		XX±.01/0.XX±0.3		COPY		title	12ACP		
A						XXX±.005/0.XX±0.13		projection		VERTICAL PRESS-FIT RECEPT			
				angles		XXX±.0020/0.XX±0.051		INCH/MM		product family	PwrBlade	code	213
				dr	STEVEN WANG	01/04/05		scale	1:1	size	dwg no	51940-114	sheet 2 of 4
				enr	LH	01/04/05							
				chr	VICTOR LIN	01/04/05							
				appd	JOSEPH HSIA	01/04/05							
sheet index	revision sheet												

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PRODUCT NUMBER

51940-114_
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:

51940-114 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.

51940-114LF 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 51940--114LF 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.

- 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) $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
 $.0003$ [0.008] MIN SnPb OVER $.001$ [0.03]
 TO $.003$ [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.

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

- ⑪ CONNECTOR KEEP-OUT ZONE.

[illegible]

1	2
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Pro/E

3

4

cage code	22526
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