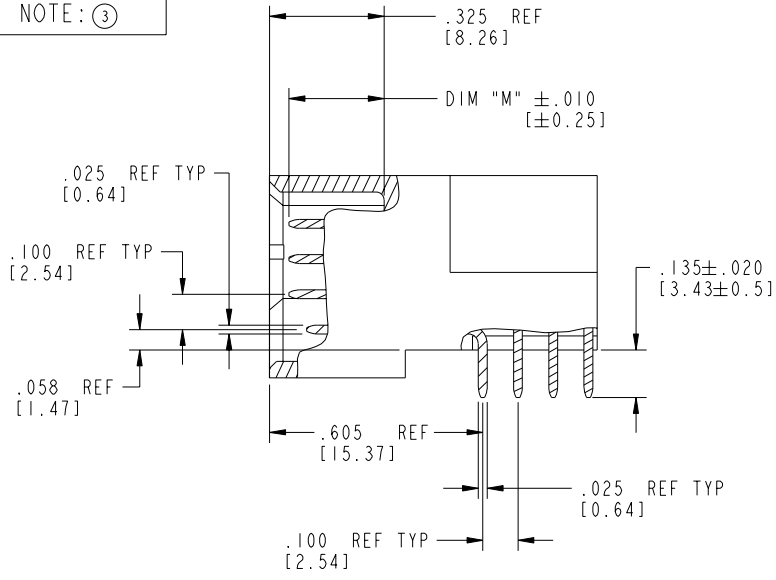


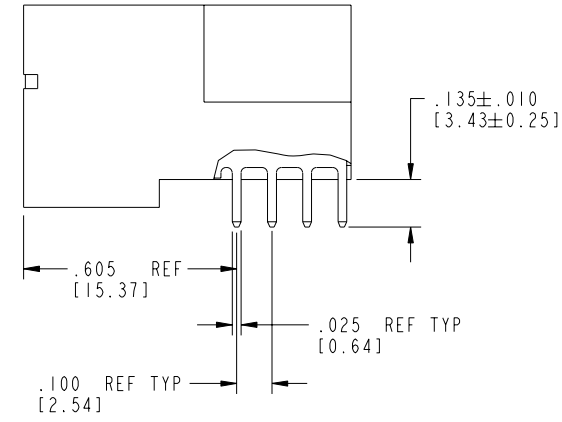
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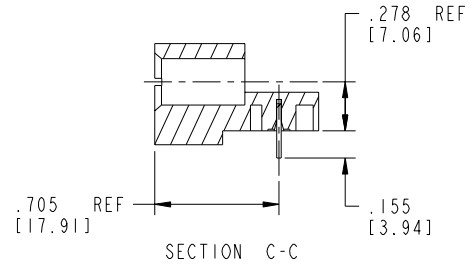
PRODUCT NUMBER
51730-089--
NOTE: (3)



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	title
c				angles	.XXX±.005/0.XX±0.13				4P + 40S + 4P
				dr	.XXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER
				enr	0°±2°				product family
				chr	D. INGRAM 02/10/04				PwrBlade
				appd	M. GRAY 02/10/04				code
					M. GRAY 02/10/04				213
sheet index	revision sheet								sheet
									2 of 4

cage code 22526

Pro/E

PDM: Rev:C

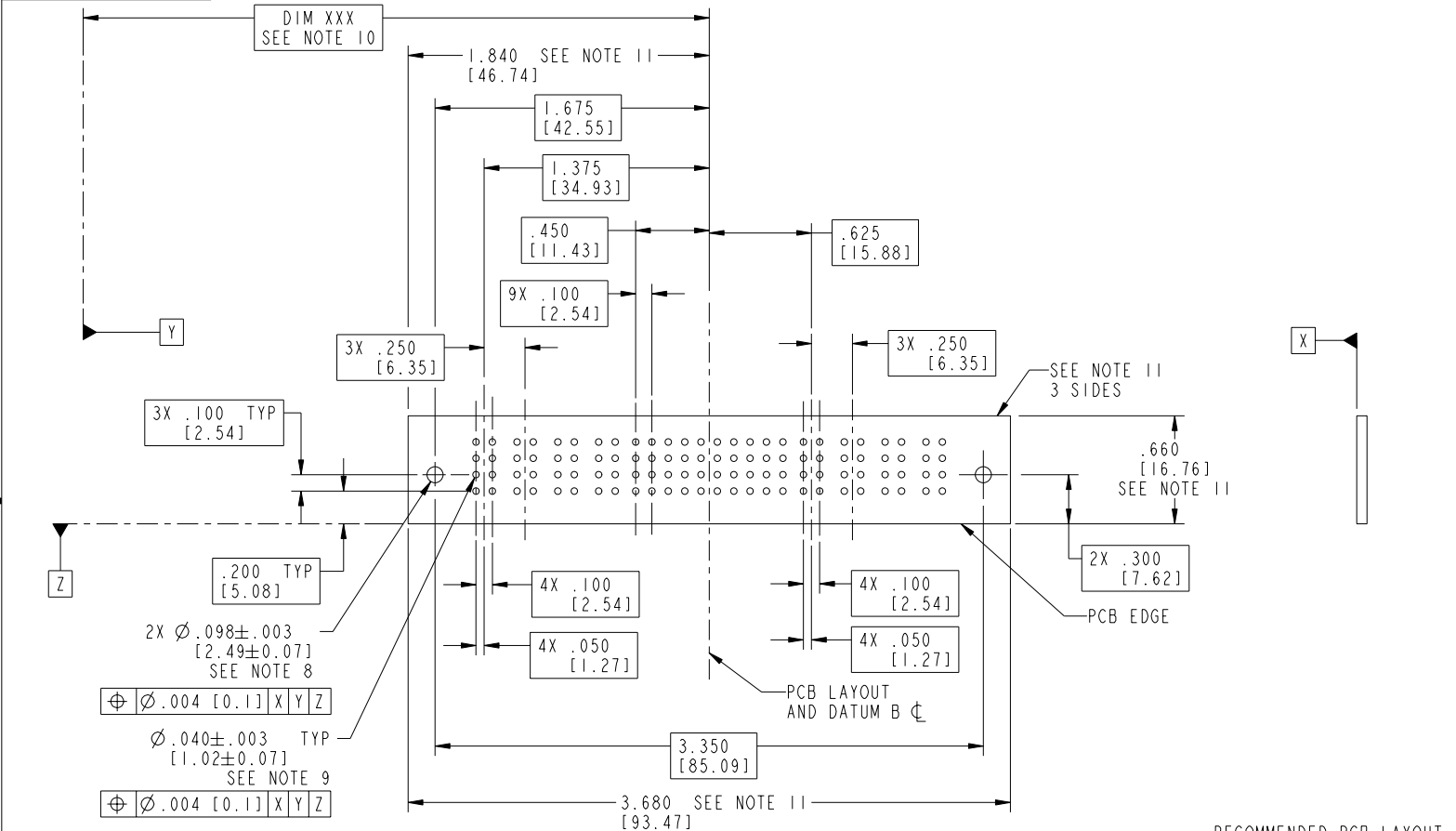
STATUS:Released

Printed: Dec 20, 2010

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PRODUCT NUMBER
51730-089_--
NOTE: ③



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY		title 4P + 40S + 4P		
C				angles	.XXX±.005/0.XX±0.13			RIGHT ANGLE SOLDER HEADER			
				dr	.XXX±.0020/0.XXX±0.051	scale			product family PwrBlade		
				enr	D. INGRAM 02/10/04	1:1		size		code 213	
				chr	M. GRAY 02/10/04			A		sheet 3 of 4	
				appd	M. GRAY 02/10/04			51730-089			
sheet index	revision sheet										

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PDM: Rev:C

STATUS:Released

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A
FCI

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PRODUCT NUMBER
51730-089_-
NOTE: ③

NOTES:

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

2. 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:

51730-089 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.

51730-089LF 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 51730-089LF 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 ± 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 ± .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	
ltr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	title
C					.XXX±.005/0.XX±0.13	←			4P + 40S + 4P
				angles	XXXX±.0020/0.XXX±0.051	←			RIGHT ANGLE SOLDER HEADER
				dr	0° ± 2°	←			product family
				enr	D. INGRAM 02/10/04	←			PwrBlade
				chr	M. GRAY 02/10/04	←			code
				appd	M. GRAY 02/10/04	←			213
sheet index		revision sheet		scale		1:1		size	
								dwg no	
								A 51730-089	
								sheet	
								4 of 4	

cage code 22526 4

PDM: Rev:C

STATUS: Released

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