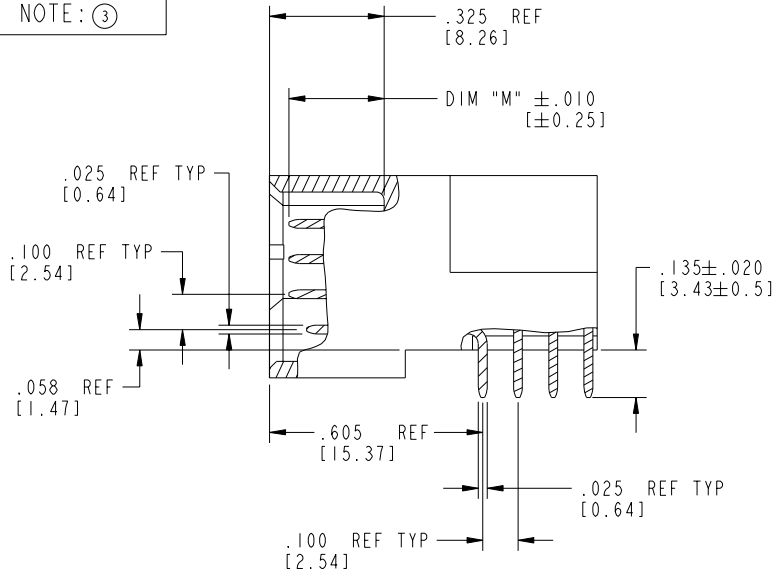




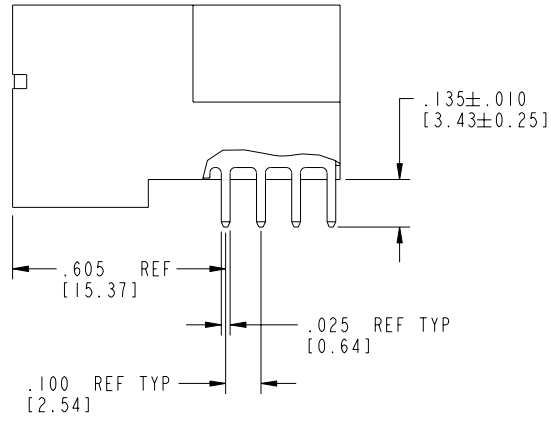
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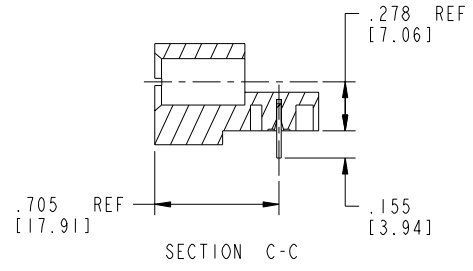
PRODUCT NUMBER  
51730-089--  
NOTE: ③



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	
lfr	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			product family	RIGHT ANGLE SOLDER HEADER
				enr	0°±2°			PwrBlade	code
				chr	D. INGRAM 02/10/04			size	213
				appd	M. GRAY 02/10/04			dwg no	sheet
					M. GRAY 02/10/04			51730-089	2 of 4
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:C

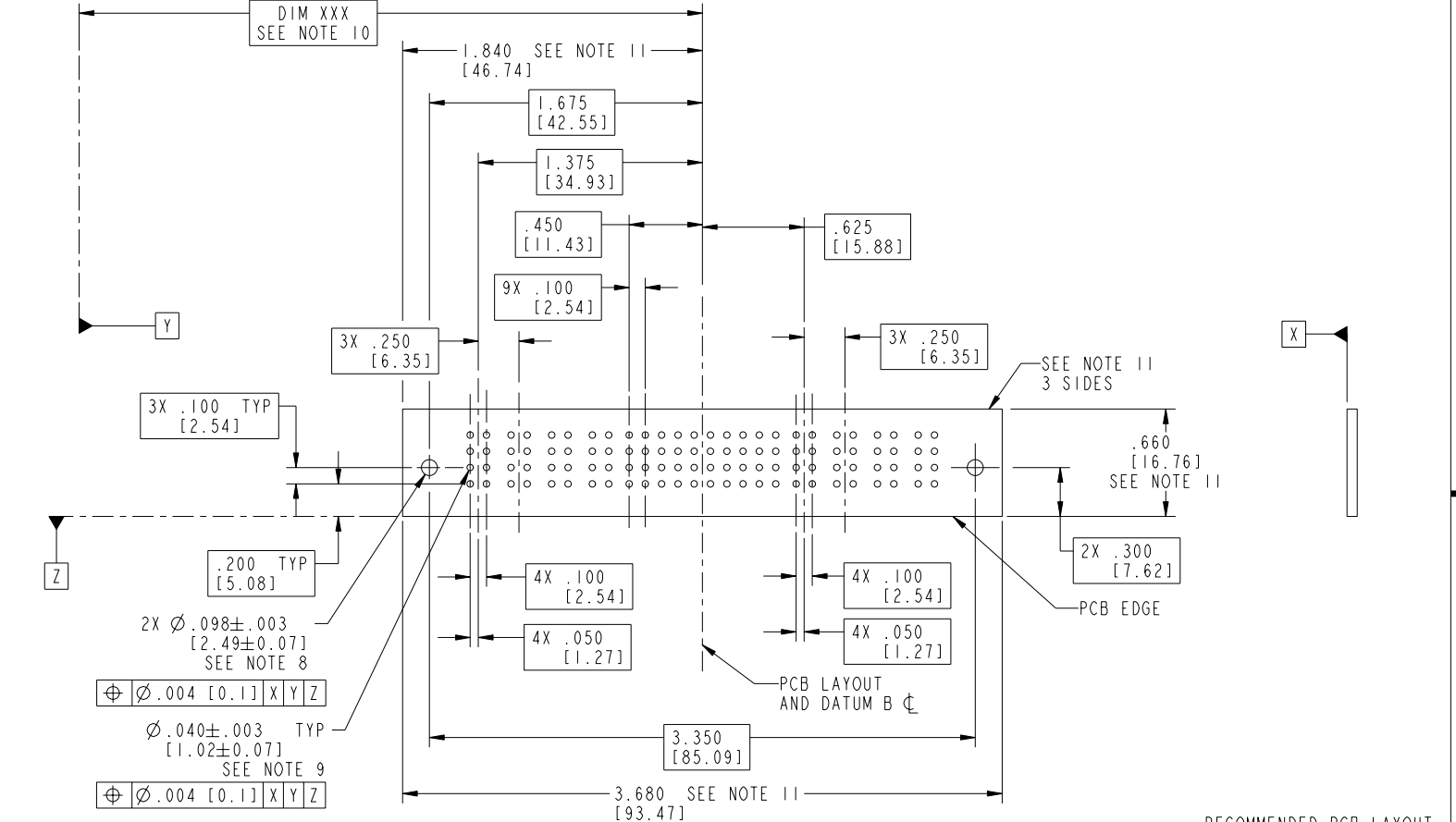
STATUS:Released

Printed: Aug 12, 2007

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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	COPY		title 4P + 40S + 4P	
C				angles	.XXX±.005/0.XX±0.13	projection		RIGHT ANGLE SOLDER HEADER	
				dr	.XXX±.0020/0.XXX±0.051			product family PwrBlade code 213	
				enr	D. INGRAM 02/10/04	scale		size 51730-089 sheet 3 of 4	
				chr	M. GRAY 02/10/04	1:1			
				appd	M. GRAY 02/10/04				
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Aug 12, 2007

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**A**  
**FCI**

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**B**

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

cage code 22526 4

**PDM: Rev:C**

**STATUS: Released**

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