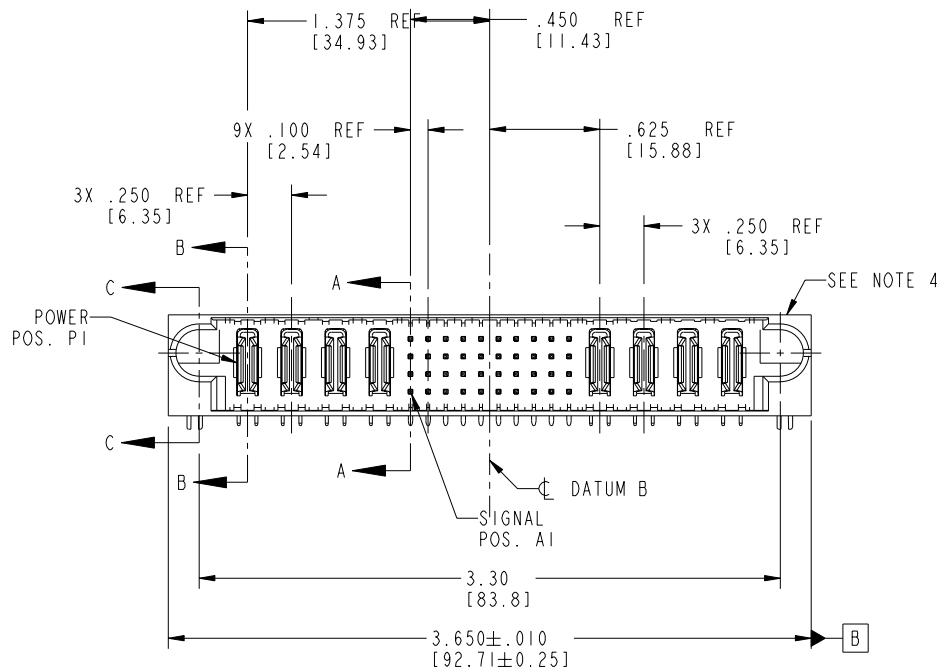
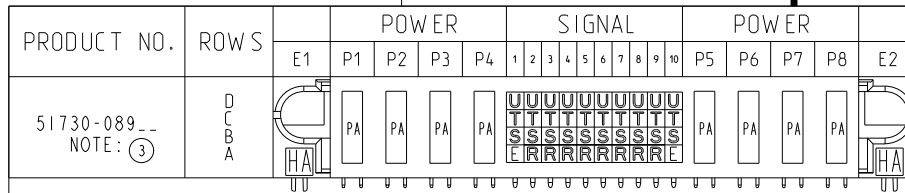


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	projection	angles	dr	engr	chr	appd	scale	size	dwg no
A	V04-0116	DAI	02/10/04	linear	projection	angles	D. INGRAM	M. GRAY	M. GRAY	M. GRAY	1:1	A	51730-089
B	V04-0333	TAB	04/06/04	linear	projection	angles							
C	DG05-0488	CS	11/21/05	linear	projection	angles							
sheet index				revision	sheet	C	C	C	C	C	C	C	C
				1	2	3	4						
Pro/E										cage code		22526	4

PDM: Rev:C

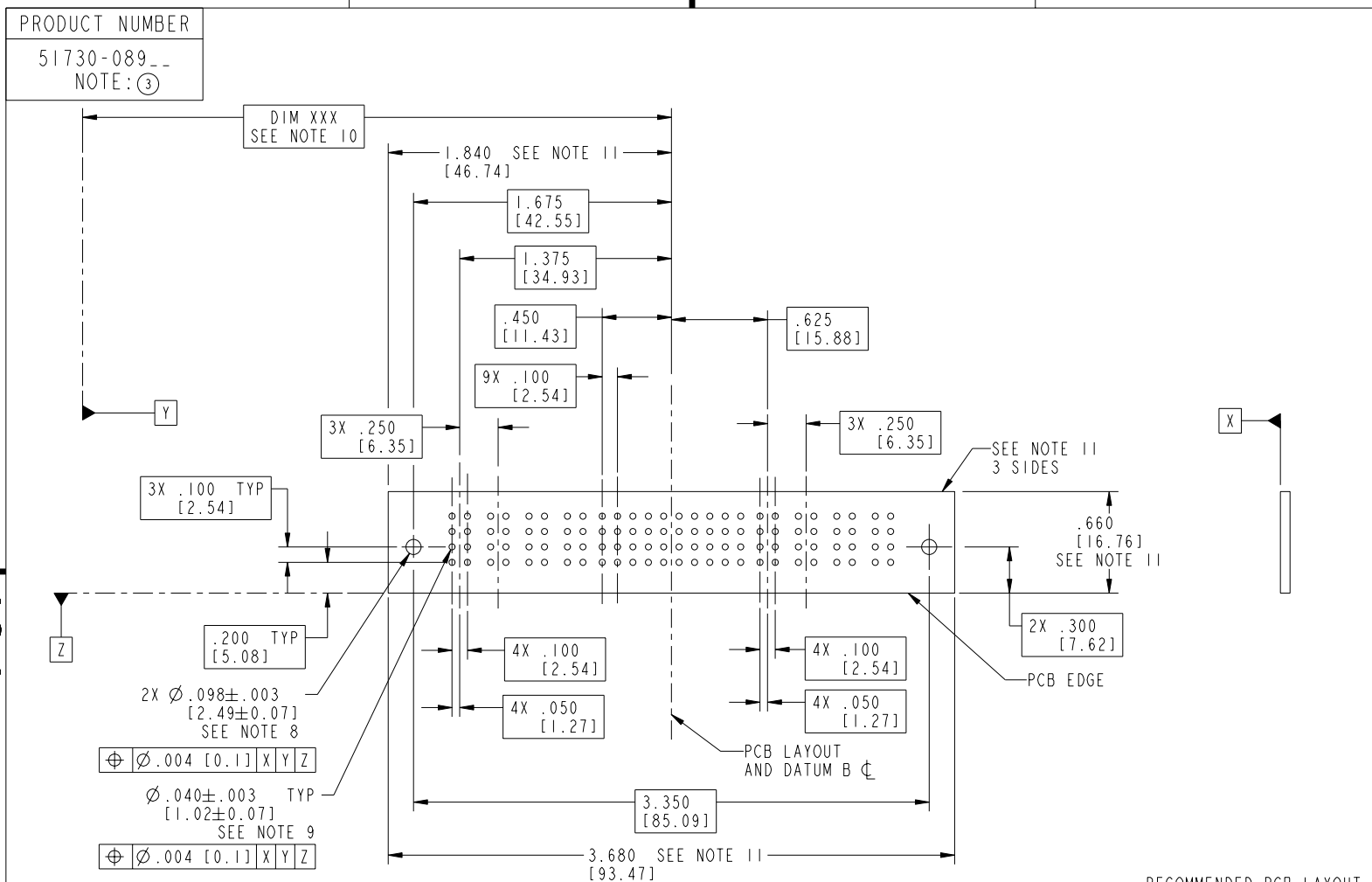
STATUS:Released

Printed: Aug 12, 2007

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RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com				
ltr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$ $.XXX \pm .005 / 0.XX \pm 0.13$ $.XXX \pm .002 / 0.XXX \pm 0.051$				projection 	title 4P + 40S + 4P RIGHT ANGLE SOLDER HEADER										
C					angles $0^\circ \pm 2^\circ$					 scale 1:1	product family PwrBlade				code 213					
						dr D. INGRAM 02/10/04					size dwg no A 51730-089				sheet 3 of 4					
				enr M. GRAY 02/10/04																
					chr M. GRAY 02/10/04															
					appd M. GRAY 02/10/04															
sheet index		revision sheet			Pro/E				3				cage code 22526				4			

Printed: Aug 12, 2007

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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 1CONTACT 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 1COUNTRY 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.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com			
ltr	ecn 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	.XXX+ .0020/0.XXX+0.051														
				dr	D. INGRAM 02/10/04											product family PwrBlade			
				enr	M. GRAY 02/10/04											size dwg no			
				chr	M. GRAY 02/10/04											A 51730-089			
				appd	M. GRAY 02/10/04											sheet 213			
sheet index				revision sheet								scale 1:1				4 of 4			

A

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

cage code 22526

4

PDM: Rev:C

STATUS:Released

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