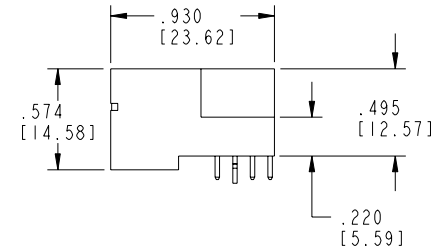
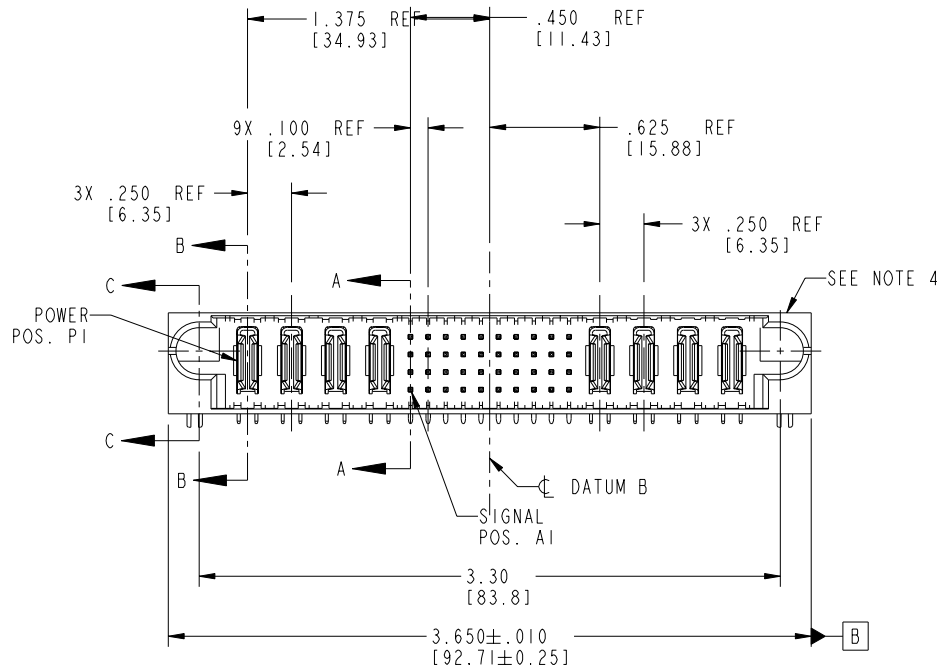


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PRODUCT NO.	ROW S	POWER					SIGNAL										POWER				E2
		E1	P1	P2	P3	P4	1	2	3	4	5	6	7	8	9	10	P5	P6	P7	P8	
51730-089.- NOTE: ③	D C B A		PA	PA	PA	PA	UUUUUUUUUU	TTTTTTTTTTTT	SSSSSSSSSS	EEEEEEEEEE							PA	PA	PA	PA	
		U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U



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	angles	dr	engr	chr	appd	COPY	projection
A	V04-0116	DAI	02/10/04	linear	0° ± 2°	D. INGRAM	M. GRAY	M. GRAY	M. GRAY	projection	projection
B	V04-0333	TAB	04/06/04	linear	0° ± 2°	M. GRAY	M. GRAY	M. GRAY	M. GRAY	projection	projection
C	DG05-0488	CS	11/21/05	linear	0° ± 2°	M. GRAY	M. GRAY	M. GRAY	M. GRAY	projection	projection
sheet index				revision	sheet	C	C	C	C	scale	1:1
sheet index				revision	sheet	1	2	3	4	scale	1:1

cage code 22526

PDM: Rev:C

STATUS:Released

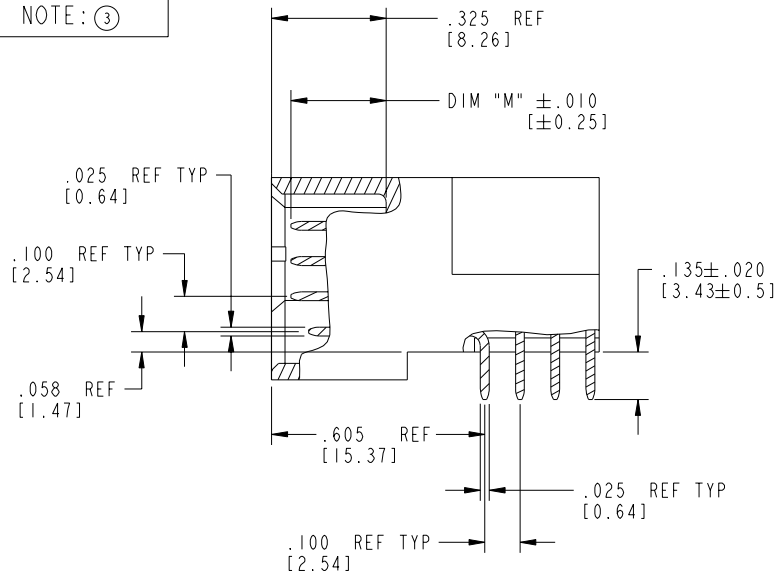
Printed: Dec 20, 2010

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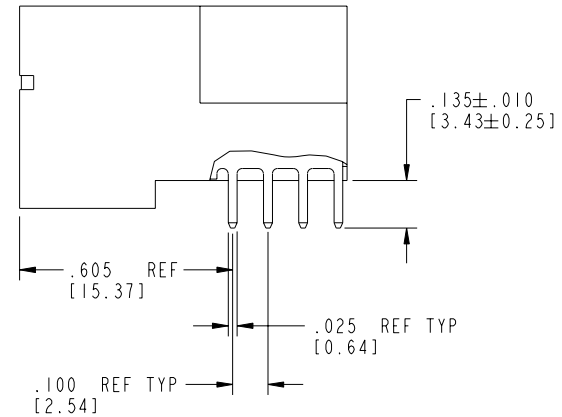
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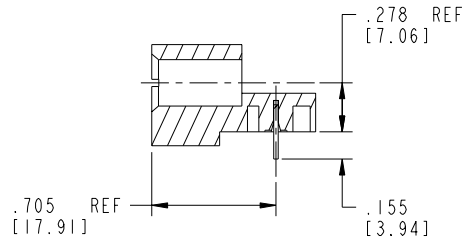
PRODUCT NUMBER
51730-089_-
NOTE: ③



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

cage code 22526

Pro/E

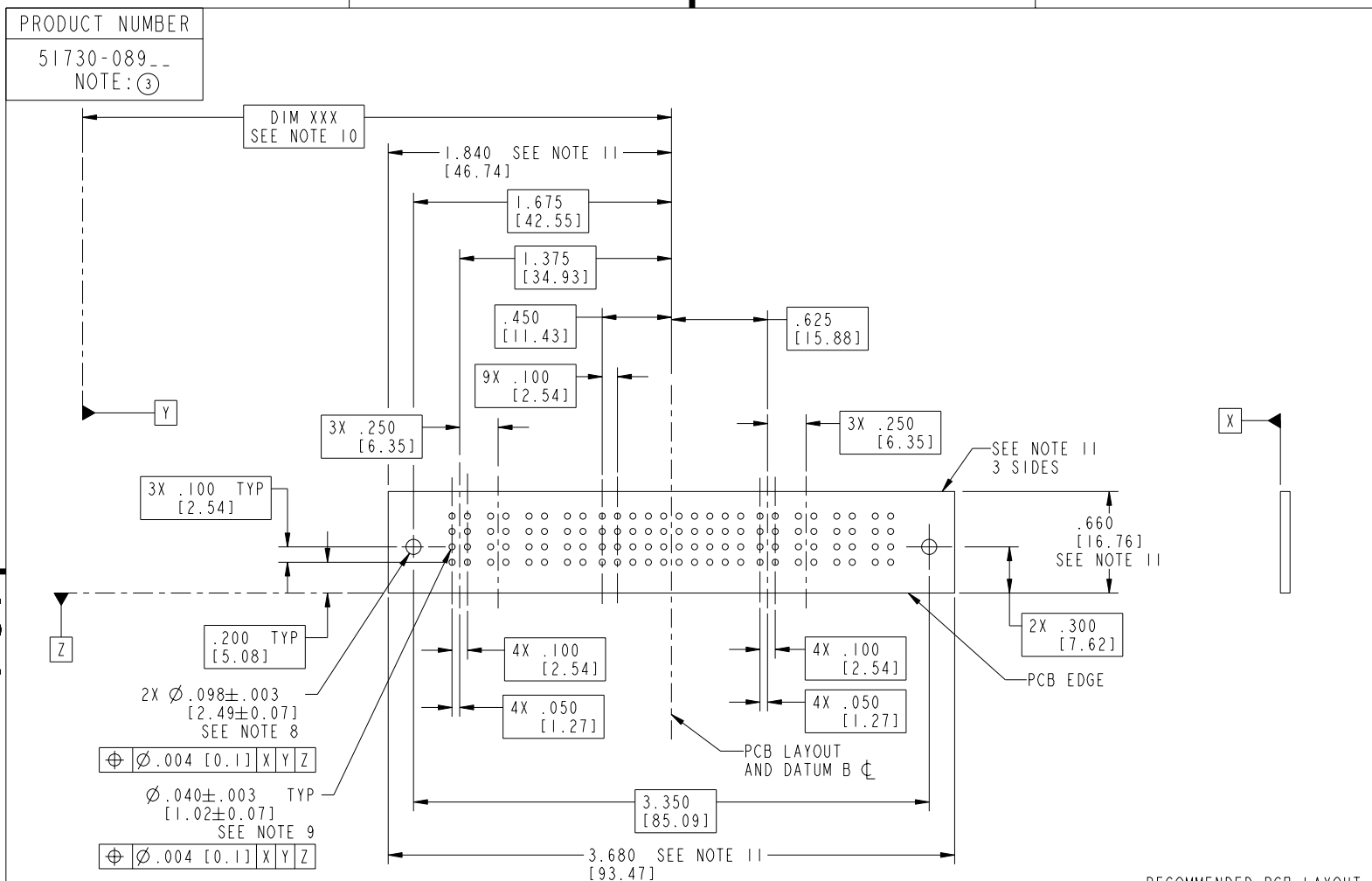
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RECOMMENDED PCB LAYOUT

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

cage code	22526	4
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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			
C					.XXX+ .005/0.XX+0.13											4P + 40S + 4P			
				angles	.XXX+ .0020/0.XXX+0.051											RIGHT ANGLE SOLDER HEADER			
					0°+2°														
				dr	D. INGRAM 02/10/04											product family			
				enr	M. GRAY 02/10/04											PwrBlade			
				chr	M. GRAY 02/10/04											code			
				appd	M. GRAY 02/10/04											213			
sheet index				revision sheet								scale				size			
												1:1				A			
																dwg no			
																51730-089			
																sheet			
																4 of 4			

A

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

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4

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