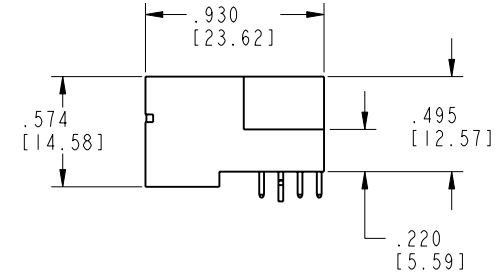
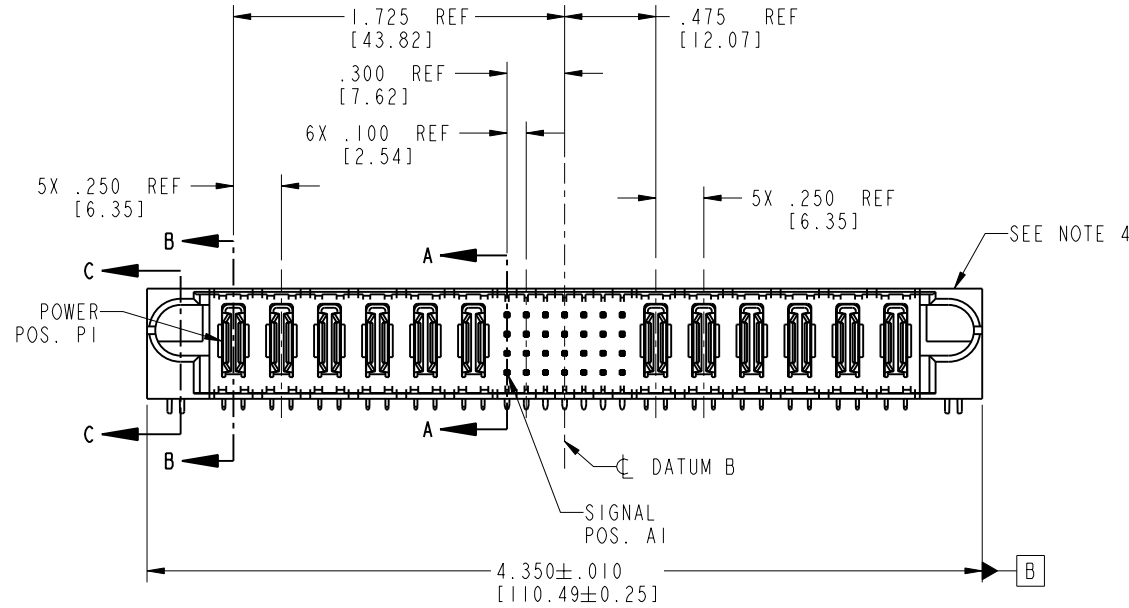


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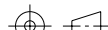
FCI

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PRODUCT NO.	ROWS		POWER						SIGNAL							POWER						
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	P7	P8	P9	P10	P11	P12	E2
51730-085_-- NOTE: 3	D C B A																					
																						



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	.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	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				projection 	COPY	title 6P + 28S + 6P RIGHT ANGLE SOLDER HEADER	product family PwrBlade	code 213		
A	V03-1343	TAB	12/17/03		.XXX±.005/0.XX±0.13										
B	DG05-0501	GuoJM	11/24/05		.XXX±.0020/0.XXX±0.051										
				angles	0°±2°				INCH/MM 		scale 1:1	dwg no 51730-085	sheet 1 of 4		
				dr	T. BRUNGARD 12/17/03										
				enqr	M. GRAY 12/17/03										
				chr	M. GRAY 12/17/03										
				appd	M. GRAY 12/17/03										
sheet index	revision sheet	B 1	B 2	B 3	B 4										

cage code 22526

Pro/E

3

4

PDM: Rev:B

STATUS: Released

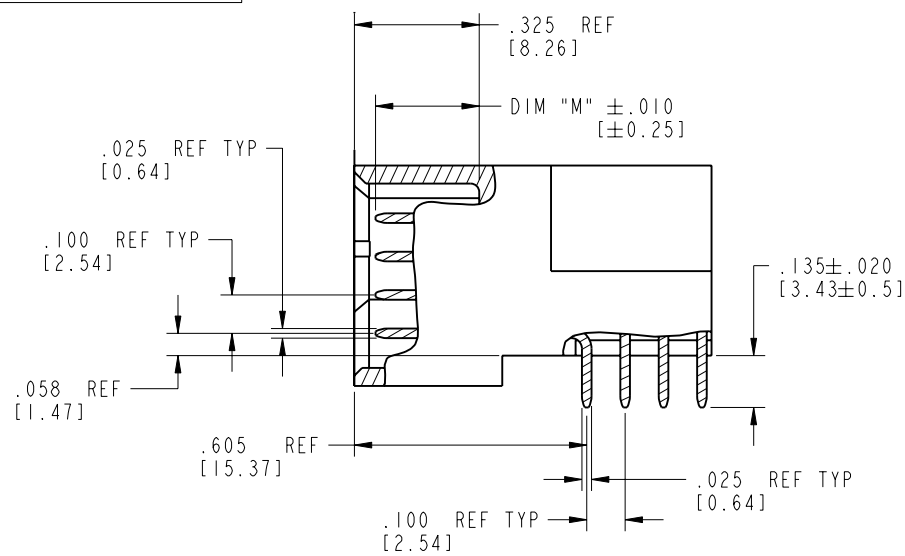
Printed: Dec 20, 2010

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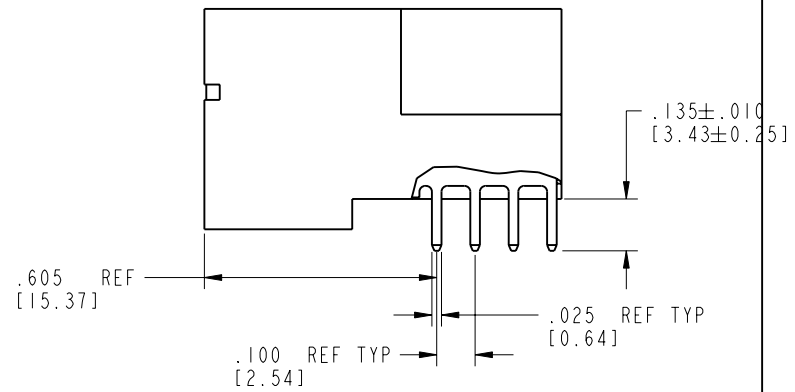
FCI

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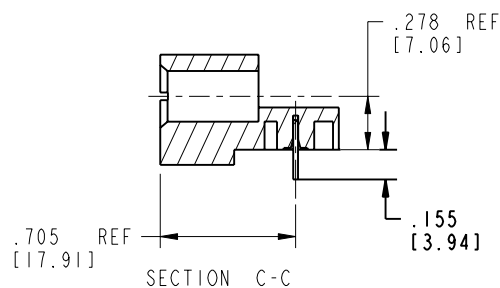
PRODUCT NUMBER
51730-085--
NOTE: 3



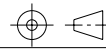
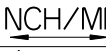
BROKEN-OUT SECTION A-A
SCALE 2:1



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	
lfr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		projection		title		
B					.XXX±.005/0.XX±0.13				6P + 28S + 6P		
					.XXXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER		
				angles	0°±2°		INCH/MM		product family		code
				dr	T. BRUNGARD 12/17/03				PwrBlade		213
				enqr	M. GRAY 12/17/03				size dwg no		sheet
				chr	M. GRAY 12/17/03		scale	1:1	A 51730-085		2 of 4
				appd	M. GRAY 12/17/03						
sheet index		revision sheet									

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

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PRODUCT NUMBER

51730-085__
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:

51730-085 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.

51730-085LF 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 51730-085LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER ICOUNTRY 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:

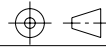
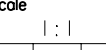
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3		COPY				
B					.XXX $\pm$.005/0.XX $\pm$ 0.13		projection				
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051		INCH/MM				
				angles	0° $\pm$ 2°		scale				
				dr	T. BRUNGARD 12/17/03		INCH/MM		product family		
				enrg	M. GRAY 12/17/03		1:1		PwrBlade		
				chr	M. GRAY 12/17/03				code		
				appd	M. GRAY 12/17/03				213		
sheet index		revision sheet								size	
										dwg no	
										A 51730-085	
										sheet 4 of 4	

cage code 22526