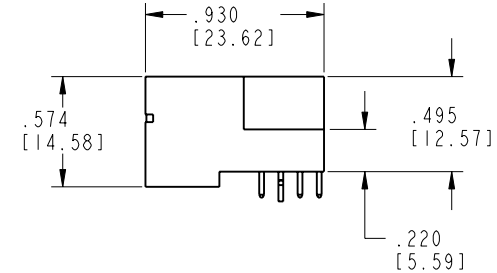
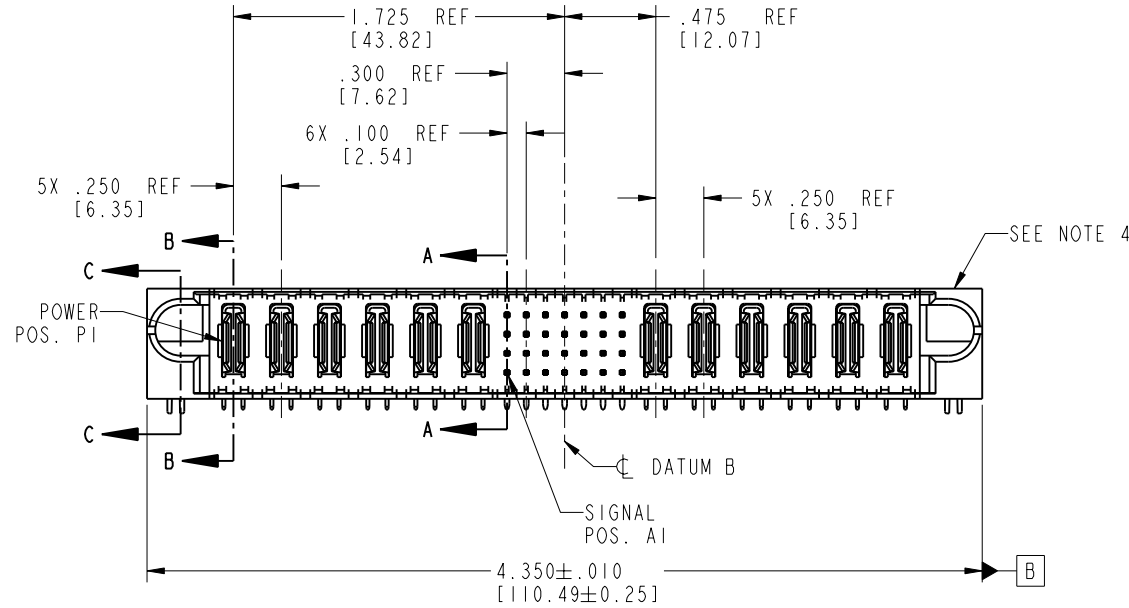


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

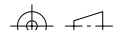
FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

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		title	6P + 28S + 6P				
A	V03-1343	TAB	12/17/03		.XXX±.005/0.XX±0.13					RIGHT ANGLE SOLDER HEADER				
B	DG05-0501	GuoJM	11/24/05		.XXX±.0020/0.XXX±0.051									
				angles	0°±2°		INCH/MM		product family	PwrBlade		code		
				dr	T. BRUNGARD 12/17/03					size	dwg no	213		
				enqr	M. GRAY 12/17/03					scale	A	51730-085	sheet	
				chr	M. GRAY 12/17/03								1 of 4	
				appd	M. GRAY 12/17/03									
sheet index	revision sheet	B	B	B	B									
		1	2	3	4									

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

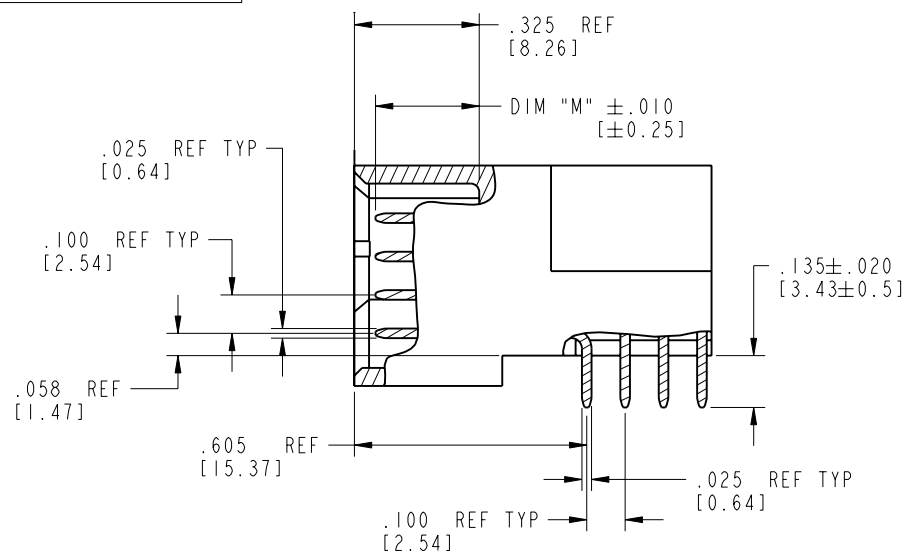
Printed: Dec 20, 2010

Tous droits strictement réservés. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

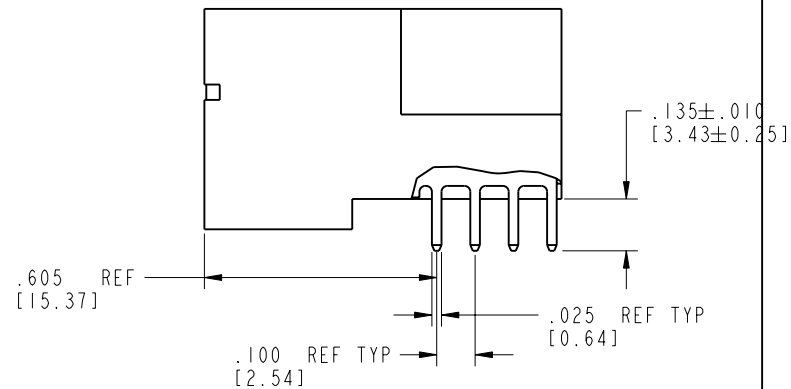
FCI

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

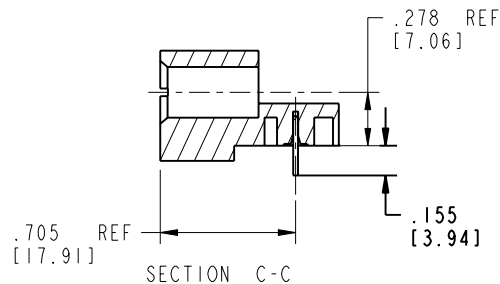
PRODUCT NUMBER
51730-085--
NOTE: 3



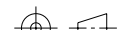
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title	
B					.XXX±.005/0.XX±0.13		projection			6P + 28S + 6P	
					.XXX±.0020/0.XXX±0.051					RIGHT ANGLE SOLDER HEADER	
				angles	0°±2°		INCH/MM			product family	
				dr	T. BRUNGARD 12/17/03		size			PwrBlade	
				engr	M. GRAY 12/17/03		scale			code	
				chr	M. GRAY 12/17/03		1:1		A		213
				appd	M. GRAY 12/17/03				51730-085		sheet
											2 of 4
sheet index		revision sheet									

cage code 22526

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

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:

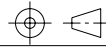
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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