

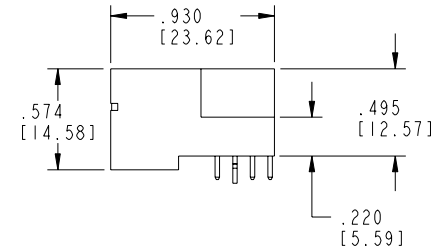
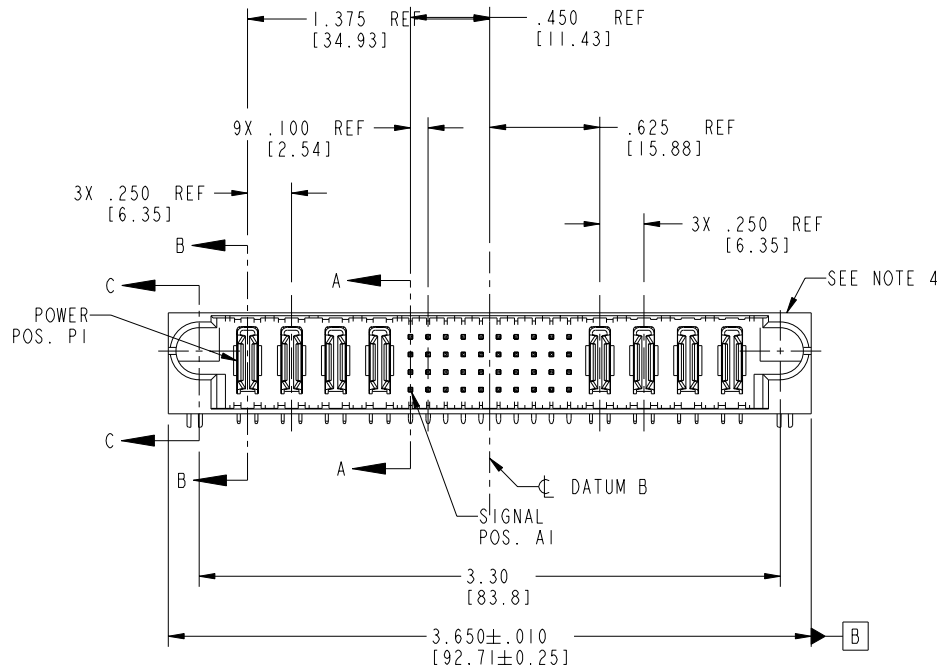
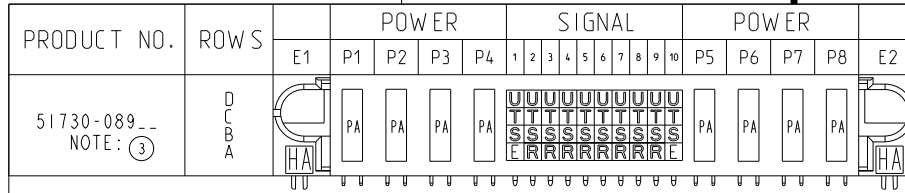
Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de FCI. Droits de reproduction FCI.

A
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.

A

B



A

B

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	dr	engr	chr	appd	scale	size	dwg no
B	V04-0333	TAB	04/06/04	linear	projection	angles	dr	engr	chr	appd	scale	size	dwg no
C	DG05-0488	CS	11/21/05	linear	projection	angles	dr	engr	chr	appd	scale	size	dwg no
sheet index				revision	sheet	C	C	C	C	C	C	C	C
sheet index				revision	sheet	1	2	3	4	5	6	7	8

Pro/E

3 |

cage code 22526

4

PDM: Rev:C

STATUS:Released

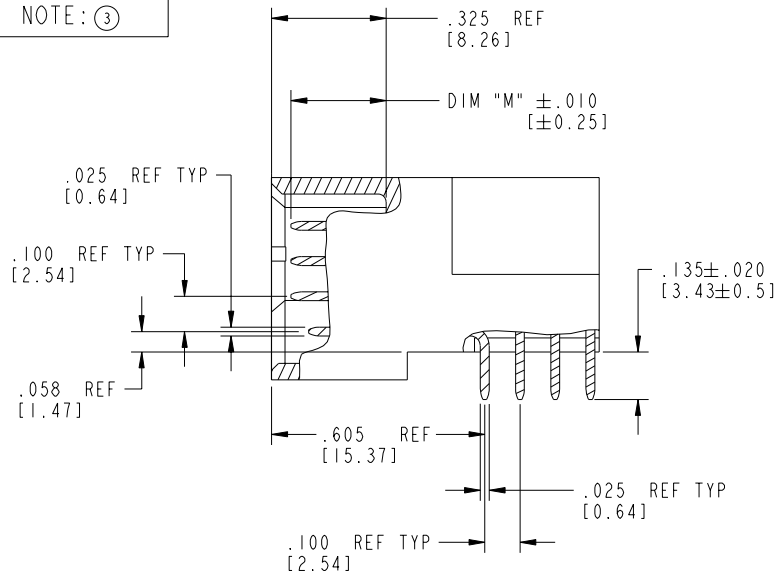
Printed: Dec 20, 2010

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

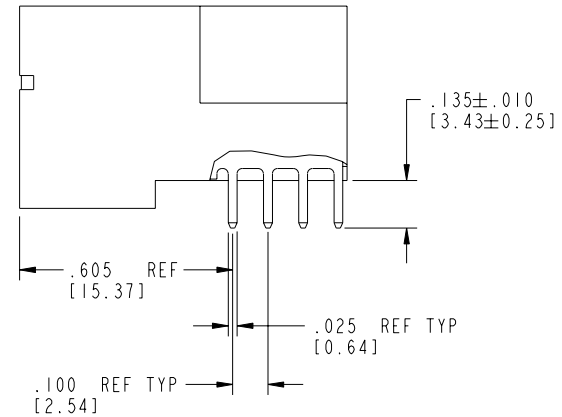
A
FCI

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.

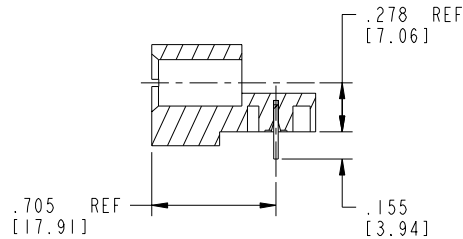
PRODUCT NUMBER
51730-089_-
NOTE: ③



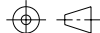
BROKEN-OUT SECTION A-A
SCALE 2:1



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

PDM: Rev:C

STATUS:Released

Printed: Dec 20, 2010

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.

401

[illegible]

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

A
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.

A

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
 $\varnothing .040 \pm .003$ [$1.02 \pm .07$] 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	ecr 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												size			
																dwg no			
																A			
																51730-089			
																sheet			
																4 of 4			

A

B

1 | 2

3 |

4

1 | 2

Pro/E

3 |

cage code 22526

4

PDM: Rev:C

STATUS:Released

Printed: Dec 20, 2010

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[51730-076](#) [51730-001LF](#) [51730-007LF](#) [51730-014LF](#) [51730-023LF](#) [51730-024LF](#) [51730-031LF](#) [51730-032LF](#)
[51730-033LF](#) [51730-034LF](#) [51730-048LF](#) [51730-054LF](#) [51730-067LF](#) [51730-070LF](#) [51730-071LF](#) [51730-076LF](#)
[51730-079LF](#) [51730-080LF](#) [51730-089LF](#) [51730-001](#) [51730-006](#) [51730-007](#) [51730-016](#) [51730-023](#) [51730-024](#)
[51730-028](#) [51730-032](#) [51730-033](#) [51730-034](#) [51730-050](#) [51730-054](#) [51730-060](#) [51730-067](#) [51730-070](#) [51730-071](#)
[51730-080](#) [51730-089](#)