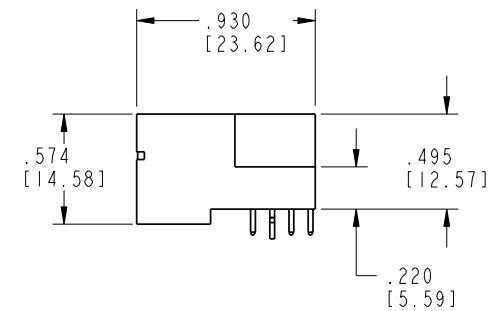
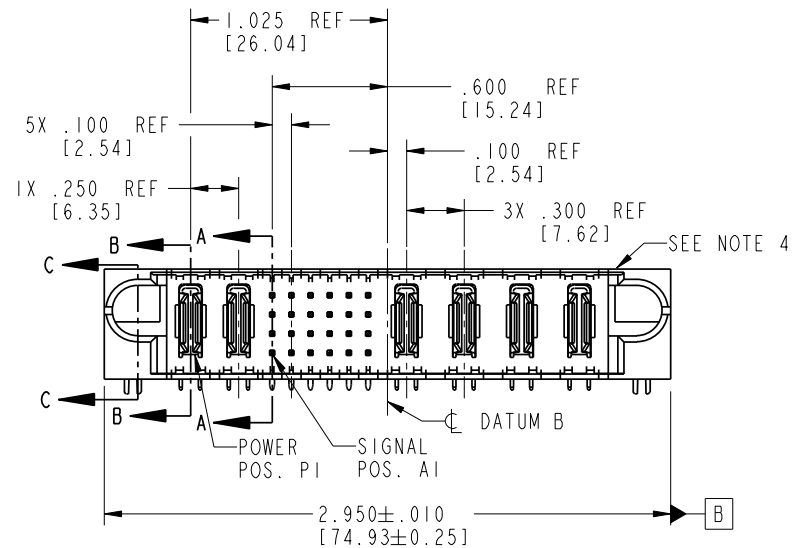
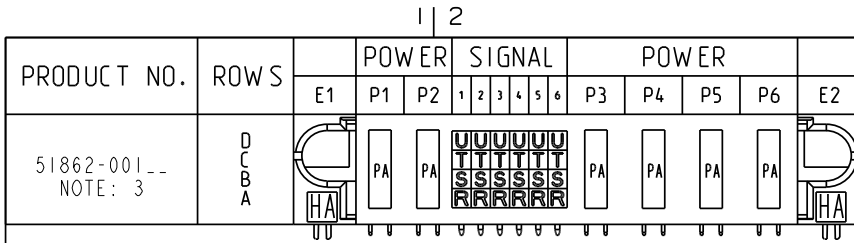


Tous droits strictement réservés. Reproduction ou communication o des liers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

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.

FCI



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
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				tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	
A	V11142	JWS	03-30-01		.XXX±.005/0.XX±0.13	projection	
B	V20776	JWS	05-20-02	angles	.XXX±.002/0.XXX±0.051	INCH/MM	
C	DG05-0530	GuoJM	12/09/05		0°±2°	scale	
				dr	J. SHAFFER 05-20-02	1:1	
				enrg	M. MOSTOLLER 05-20-02		
				chr	M. MOSTOLLER 05-20-02		
				appd	M. MOSTOLLER 05-20-02		
sheet index	revision sheet	C 1	C 2	C 3	C 4		

FCI		www.fciconnect.com	
title		2P + 24S + 4P	
product family		PwrBlade	
size	dwg no	code	213
A	51862-001	sheet	1 of 4

1 | 2

Pro/E

PDM: Rev: C

STAT **US: Released**

Printed: Dec 20, 2010

A

A

B

B

1 | 2

3 |

4

code code 22556

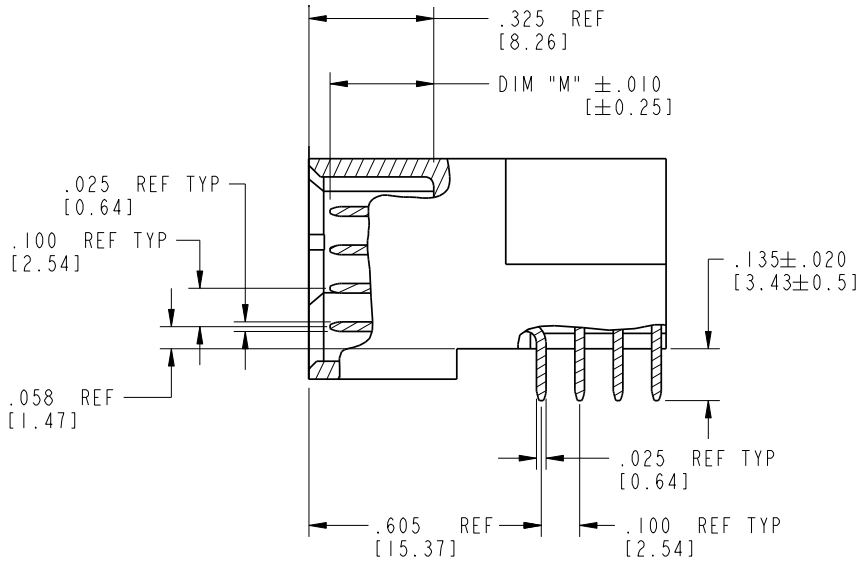
4

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

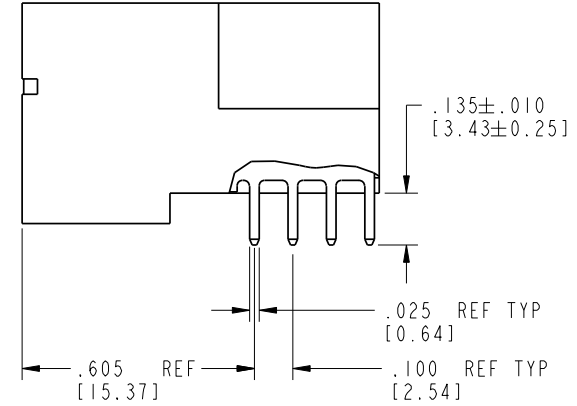
All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

FCI

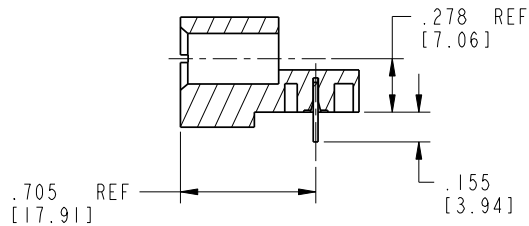
PRODUCT NUMBER
51862-001__
NOTE: 3



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	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection		title	
C					.XX±.005/0.XX±0.13	INCH/MM		⊕		2P + 24S + 4P	
				angles	.XXX±.0020/0.XXX±0.051	scale		product family		RIGHT ANGLE SOLDER HEADER	
				dr	0°±2°	1:1		PwrBlade		code	
				engr	J. SHAFFER 05-20-02			size		213	
				chr	M. MOSTOLLER 05-20-02			dwg no		sheet	
				appd	M. MOSTOLLER 05-20-02			A 51862-001		2 of 4	
sheet index	revision sheet										

Pro/E

PDM: Rev: C

STAT **Released**

Printed: Dec 20, 2010

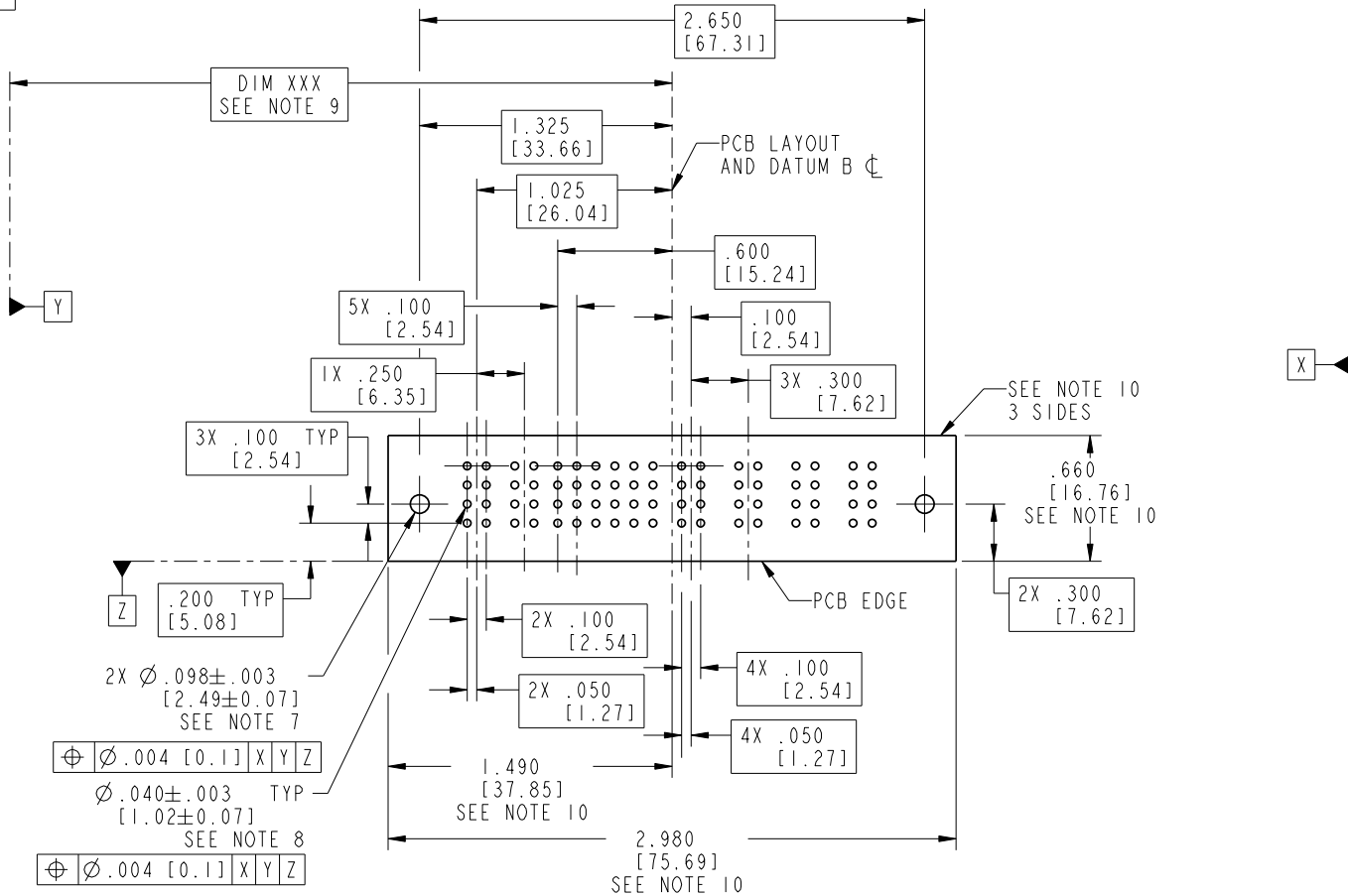
Tous droits strictement réservés. Reproduction ou communication o des liers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Drois de reproduction FCI.

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

51862-001__
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection		COPY		title	
C				angles	.XXX±.005/0.XX±0.13					2P + 24S + 4P	
				dr	.XXX±.0020/0.XXX±0.051					RIGHT ANGLE SOLDER HEADER	
				enrg	0°±2°	scale		product family		code	
				chr	J. SHAFFER 05-20-02	1:1		PwrBlade		213	
				appd	M. MOSTOLLER 05-20-02			size		sheet	
					M. MOSTOLLER 05-20-02			A		3 of 4	
					M. MOSTOLLER 05-20-02			51862-001			
sheet index	revision sheet										

A

A

B

B

1 | 2

3 |

4

1 | 2

Pro/E

PDM: Rev: C

STAT: Released

Printed: Dec 20, 2010

PRODUCT NUMBER

51862-001__
NOTE: 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

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:

51862-001 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.

51862-001LF 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 51862-001LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.


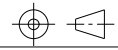

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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.

PCB NOTES:

- 6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- 7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- 8. $\varnothing .0453 \pm 0.0010$ [1.151 \pm 0.025] DRILLED HOLES PLATED WITH 0.0003 [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.
- 9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 10. CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		 INCH/MM	title	
C					.XXX±.005/0.XX±0.13		projection			2P + 24S + 4P	
				angles	.XXX±.0020/0.XXX±0.051		 1:1		RIGHT ANGLE SOLDER HEADER		
					$0^\circ \pm 2^\circ$		product family		PwrBlade		
				dr	J. SHAFFER	05-20-02	size		213		
				engr	M. MOSTOLLER	05-20-02	dwg no		sheet		
				chr	M. MOSTOLLER	05-20-02	A		4 of 4		
				appd	M. MOSTOLLER	05-20-02	51862-001				
sheet index	revision sheet										

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