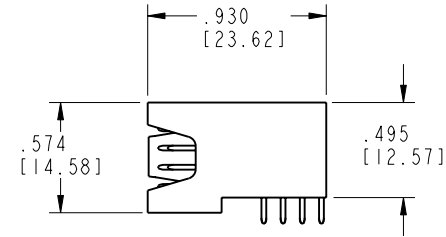
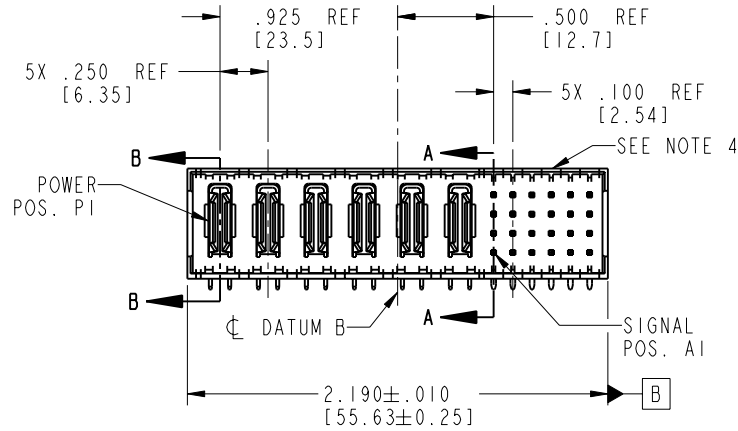


Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

FCI

All rights strictly reserved. Reproduction or issue to third parties in any form without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NO.	ROWS	POWER						SIGNAL					
		P1	P2	P3	P4	P5	P6	1	2	3	4	5	6
51736-002-- NOTE: 3	D C B A	PA	PA	PA	PA	PA	PA	UU	HH	HH	HH	HH	HH
		PA	PA	PA	PA	PA	PA	TT	GG	GG	GG	GG	GG
		PA	PA	PA	PA	PA	PA	SS	FF	FF	FF	FF	FF
		PA	PA	PA	PA	PA	PA	RR	EE	EE	EE	EE	EE



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
F	.220 [5.59]	SIGNAL
G	.220 [5.59]	SIGNAL
H	.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

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	title	product family	PwrBlade	code
A	V21401	CGD	08/29/02		.XXX±.005/0.XX±0.13						
B	DG05-0501	GuoJM	11/24/05	angles	.XXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER	size	dwg no	sheet
				dr	C. DAILY 08/29/02	INCH/MM	scale				
				enrg	M. MOSTOLLER 08/29/02						
				chr	M. MOSTOLLER 08/29/02						
				appd	M. MOSTOLLER 08/29/02						
sheet index	revision sheet	B 1	B 2	B 3	B 4						

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

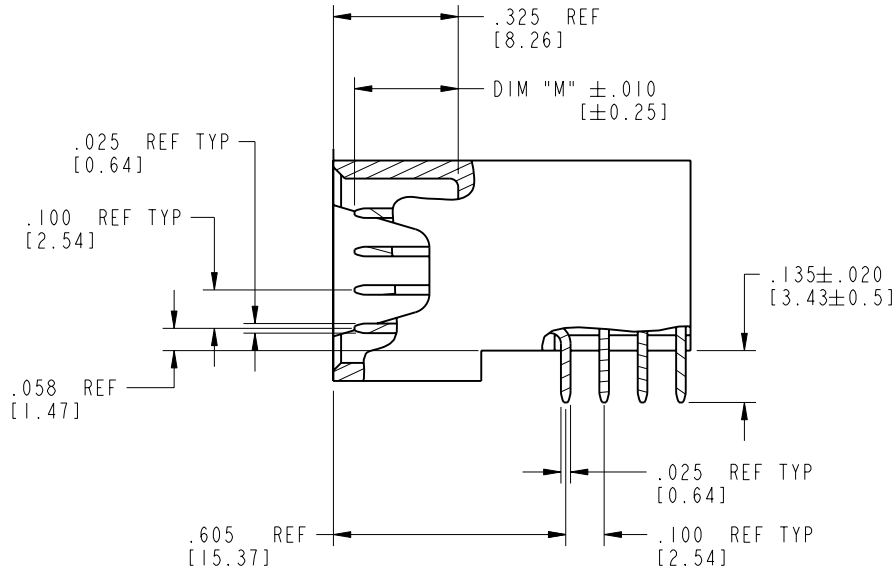
Printed: Dec 20, 2010

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.

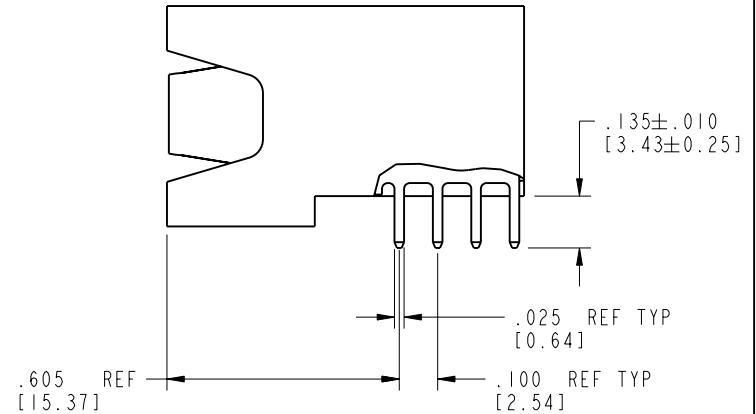
FCI

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
51736-002--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI	
SEE NOTE 2						COPY		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	INCH/MM	title	6P + 24S
B					.XXX±.005/0.XX±0.13				
					.XXX±.0020/0.XXX±0.051				
				angles	0°±2°	scale	1:1	product family	PwrBlade
				dr	C. DAILY 08/29/02				
				engr	M. MOSTOLLER 08/29/02				
				chr	M. MOSTOLLER 08/29/02	size	dwg no	code	213
				appd	M. MOSTOLLER 08/29/02				
sheet index	revision	sheet						A	51736-002
									2 of 4

cage code 22526

Pro/E

PDM: Rev:B

STATUS: Released

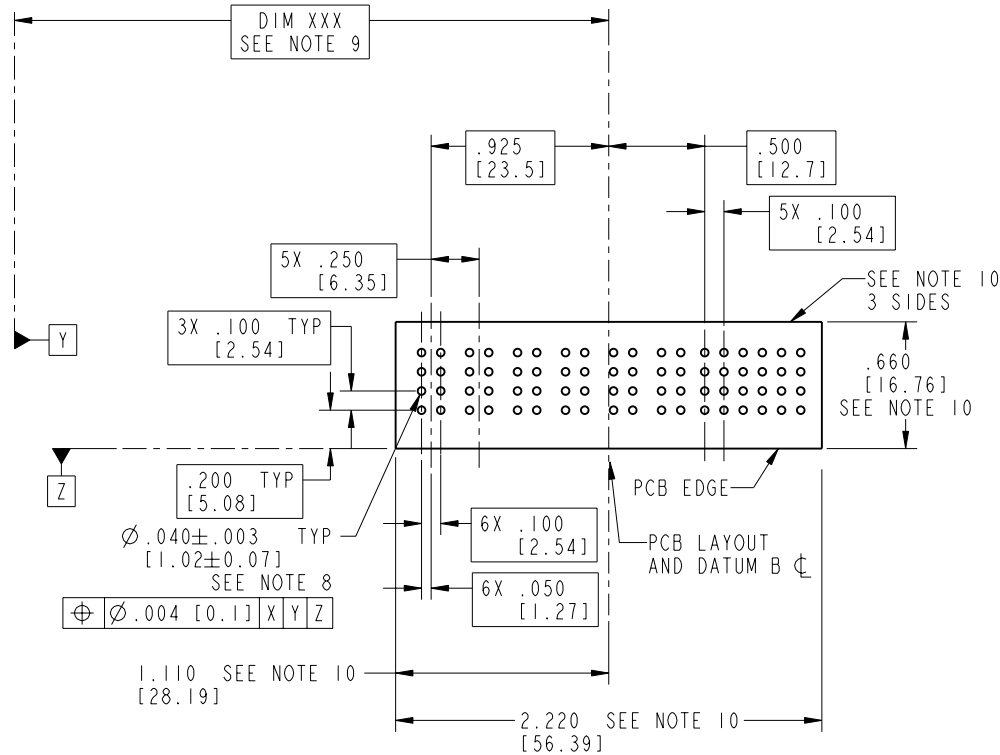
Printed: Dec 20, 2010

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 NUMBER
51736-002--
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title 6P + 24S			
B					.XXX±.005/0.XX±0.13	projection		RIGHT ANGLE SOLDER HEADER			
					.XXX±.0020/0.XXX±0.051	INCH/MM		product family PwrBlade			
				angles	0°±2°	scale		size			
				dr	C. DAILY 08/29/02	1:1		dwg no		code	
				enrg	M. MOSTOLLER 08/29/02			A 51736-002		213	
				chr	M. MOSTOLLER 08/29/02					sheet	
				appd	M. MOSTOLLER 08/29/02					3 of 4	
sheet index	revision sheet										

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51736-002--
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:

51736-002 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.

51736-002LF 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 51736-002LF 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:

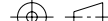
6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8. $\varnothing .0453 \pm .0010$ [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.

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		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3		projection		title 6P + 24S RIGHT ANGLE SOLDER HEADER				
B					.XXX $\pm$.005/0.XX $\pm$ 0.13								
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051								
				angles	0° $\pm$ 2°		INCH/MM ↔	scale 1:1	product family		PwrBlade		code
				dr	C. DAILY 08/29/02				size	dwg no	A	51736-002	213
				enrg	M. MOSTOLLER 08/29/02								
				chr	M. MOSTOLLER 08/29/02								
				appd	M. MOSTOLLER 08/29/02							sheet	
sheet index		revision sheet										4 of 4	