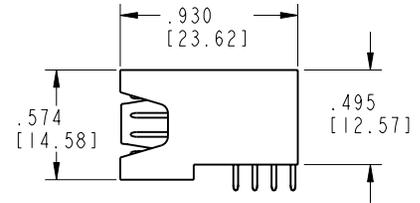
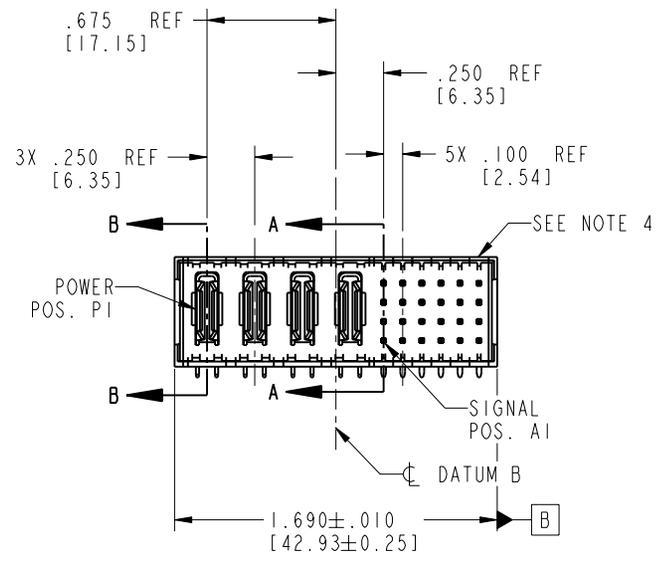


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PRODUCT NO.	ROWS	POWER				SIGNAL					
		P1	P2	P3	P4	1	2	3	4	5	6
51736-004-- NOTE: 3	D C B A	PA	PA	PA	PA	UUUUUH	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT
						SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.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

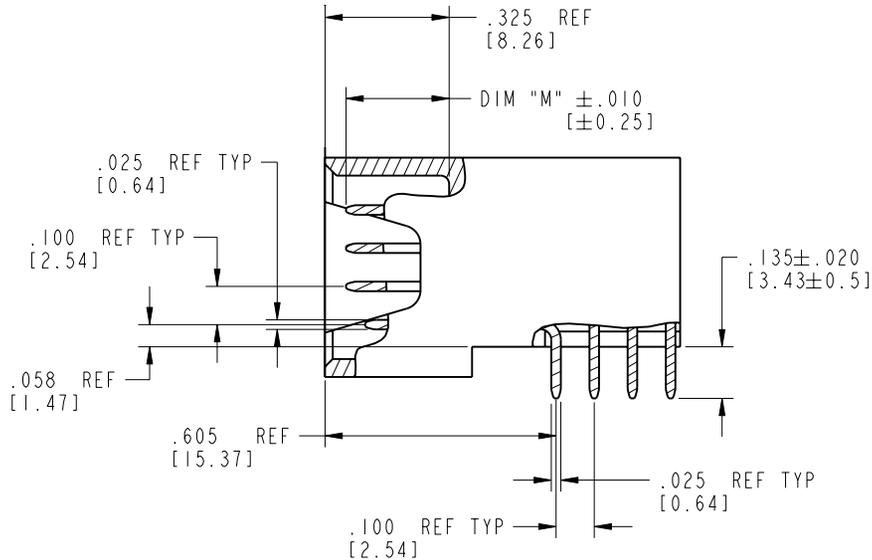
mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title		
A	V04-0843	TAB	08/17/04		.XXX±.005/0.XX±0.13		projection		4P + 24S		
B	DG05-0501	GuoJM	11/24/05	angles	.XXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER		
				dr	T. BRUNGARD	08/17/04	INCH/MM		product family		code
				engr	M. GRAY	08/17/04			PwrBlade		213
				chr	M. GRAY	08/17/04	scale		size		sheet
				appd	M. GRAY	08/17/04	1:1		A		1 of 4
sheet index		revision sheet		B	B	B	B				
		1	2	3	4						

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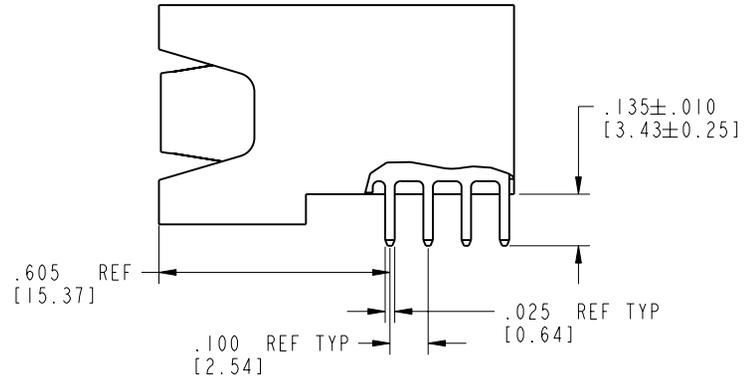
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PRODUCT NUMBER

51736-004__
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

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 4P + 24S RIGHT ANGLE SOLDER HEADER		
B					.XXX±.005/0.XX±0.13		 product family PwrBlade code 213				
					.XXX±.0020/0.XXX±0.051		 product family PwrBlade code 213				
					angles	0° ± 2°		 product family PwrBlade code 213			
					dr	T. BRUNGARD	08/17/04	 product family PwrBlade code 213			
				engr	M. GRAY	08/17/04	 product family PwrBlade code 213				
				chr	M. GRAY	08/17/04	 product family PwrBlade code 213				
				appd	M. GRAY	08/17/04	 product family PwrBlade code 213				
sheet index		revision sheet		INCH/MM		scale 1:1		 product family PwrBlade code 213		size dwg no A 51736-004 sheet 2 of 4	

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

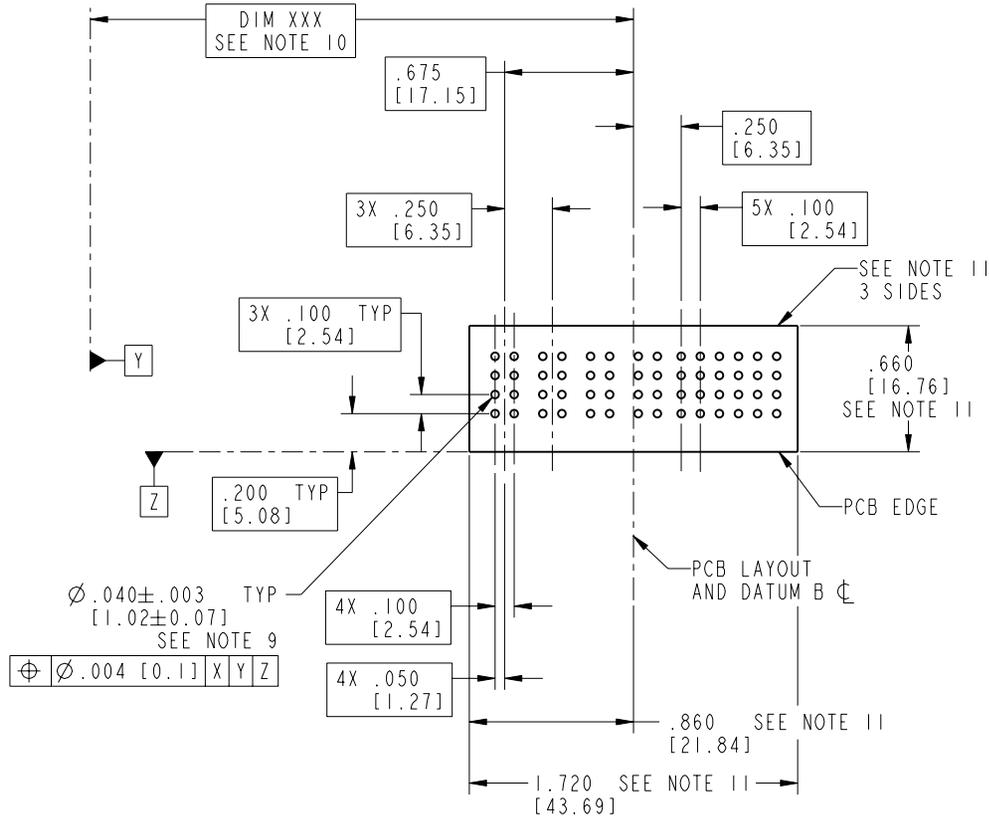
Printed: Dec 20, 2010

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PRODUCT NUMBER
51736-004__
NOTE: 3



RECOMMENDED PCB LAYOUT

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			
B				linear	.XXX±.005/0.XX±0.13	projection		title 4P + 24S	
				angles	.XXX±.0020/0.XX±0.051			RIGHT ANGLE SOLDER HEADER	
				dr	T. BRUNGARD 08/17/04	INCH/MM		product family PwrBlade code 213	
				enqr	M. GRAY 08/17/04	scale		size dwg no	
				chr	M. GRAY 08/17/04	1:1		A 51736-004	
				appd	M. GRAY 08/17/04			sheet 3 of 4	
sheet index	revision sheet								

cage code 22526

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PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

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A
FCI

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B

1 | 2

3 |

4

PRODUCT NUMBER

51736-004__
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:
51736-004 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.
51736-004LF 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 51736-004LF 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		A FCI		www.fciconnect.com	
lfr	ecr no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title	4P + 24S	
B					.XXX±.005/0.XX±0.13		projection			RIGHT ANGLE SOLDER HEADER	
				angles	.XXX±.0020/0.XXX±0.051				product family	PwrBlade	
				dr	° ± °		INCH/MM			code	213
				engr	T. BRUNGARD 08/17/04		scale		size	dwg no	
				chr	M. GRAY 08/17/04		1:1		A	51736-004	
				appd	M. GRAY 08/17/04				sheet	4 of 4	
sheet index	revision sheet										

1 | 2

Pro/E

3 |

coge code 22526

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