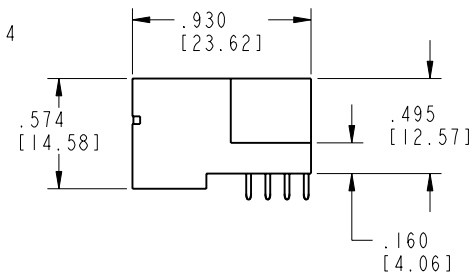
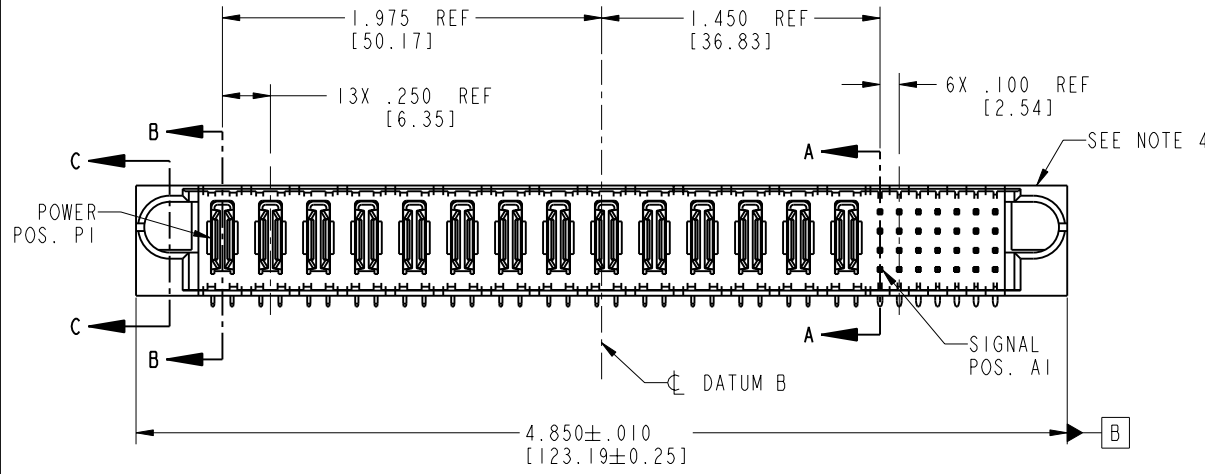
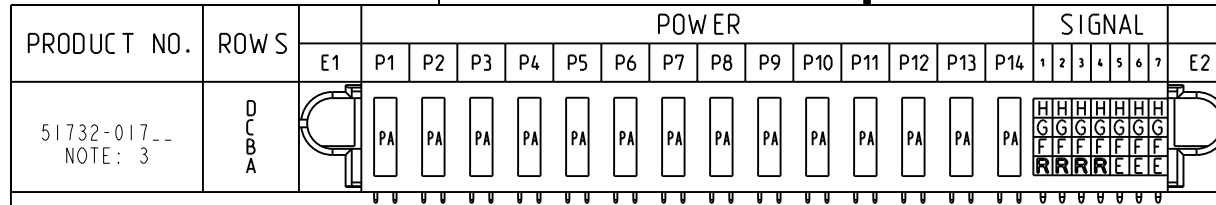


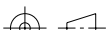
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FCI

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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
PA	N/A [N/A]	POWER

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com											
lfr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$				COPY				projection 	title													
A	V03-1334	TAB	12/17/03		$.XXX \pm .005/0.XX \pm 0.13$									14P + 28S													
B	DG05-0554	GuoJM	12/19/05		$.XXXX \pm .0020/0.XXX \pm 0.051$									RIGHT ANGLE SOLDER HEADER													
					angles				$0^\circ \pm 2^\circ$																		
					dr				T. BRUNGARD 12/17/03				INCH/MM				product family				PwrBlade				code		
					engr				M. GRAY 12/17/03								size				dwg no				213		
					chr				M. GRAY 12/17/03				scale				A				51732-017				sheet		
					appd				M. GRAY 12/17/03				1:1												1 of 4		
sheet index		revision		B	B	B	B																				
		sheet		1	2	3	4																				

1 | 2

Pro/E

3 |

cage code 22526

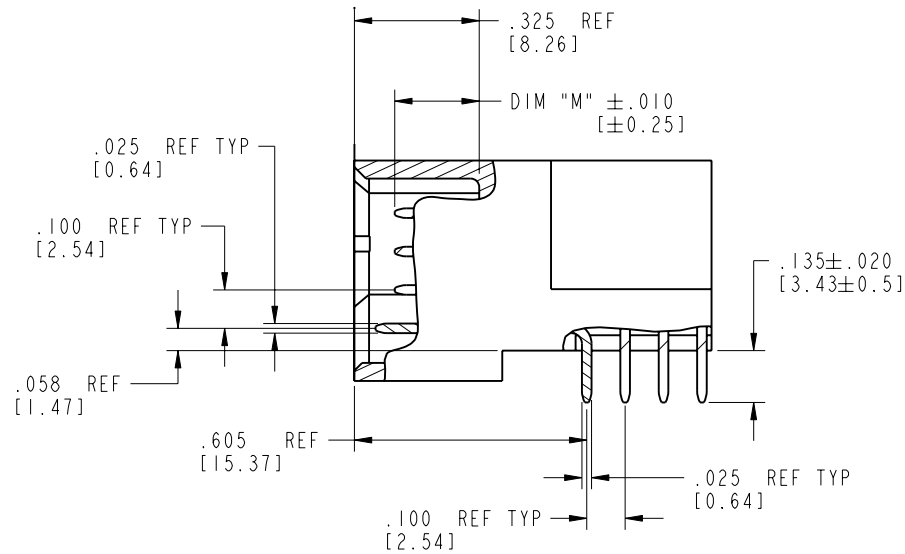
4

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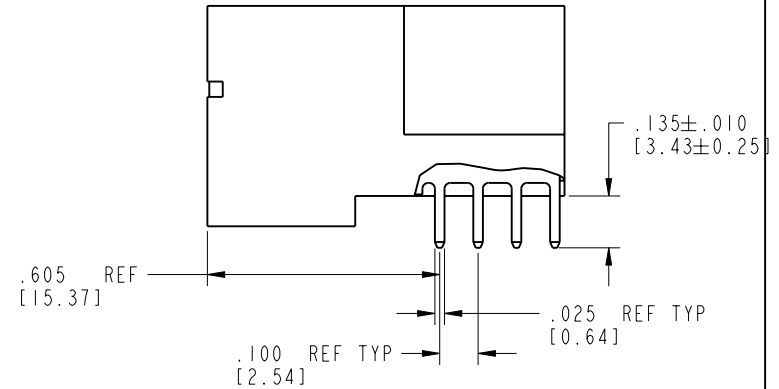
FCI

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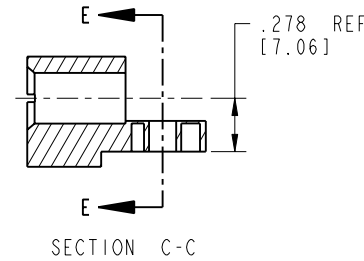
PRODUCT NUMBER
51732-017--
NOTE: 3



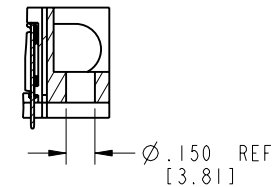
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title	14P + 28S		
B					.XXX±.005/0.XX±0.13	projection		RIGHT ANGLE SOLDER HEADER			
				angles	.XXXX±.0020/0.XXX±0.051			product family	PwrBlade	code	213
				dr	T. BRUNGARD 12/17/03	INCH/MM		size	dwg no	sheet	2 of 4
				engr	M. GRAY 12/17/03	scale	1:1	A	51732-017		
				chr	M. GRAY 12/17/03						
				appd	M. GRAY 12/17/03						
sheet index	revision sheet										

Pro/E

cage code 22526

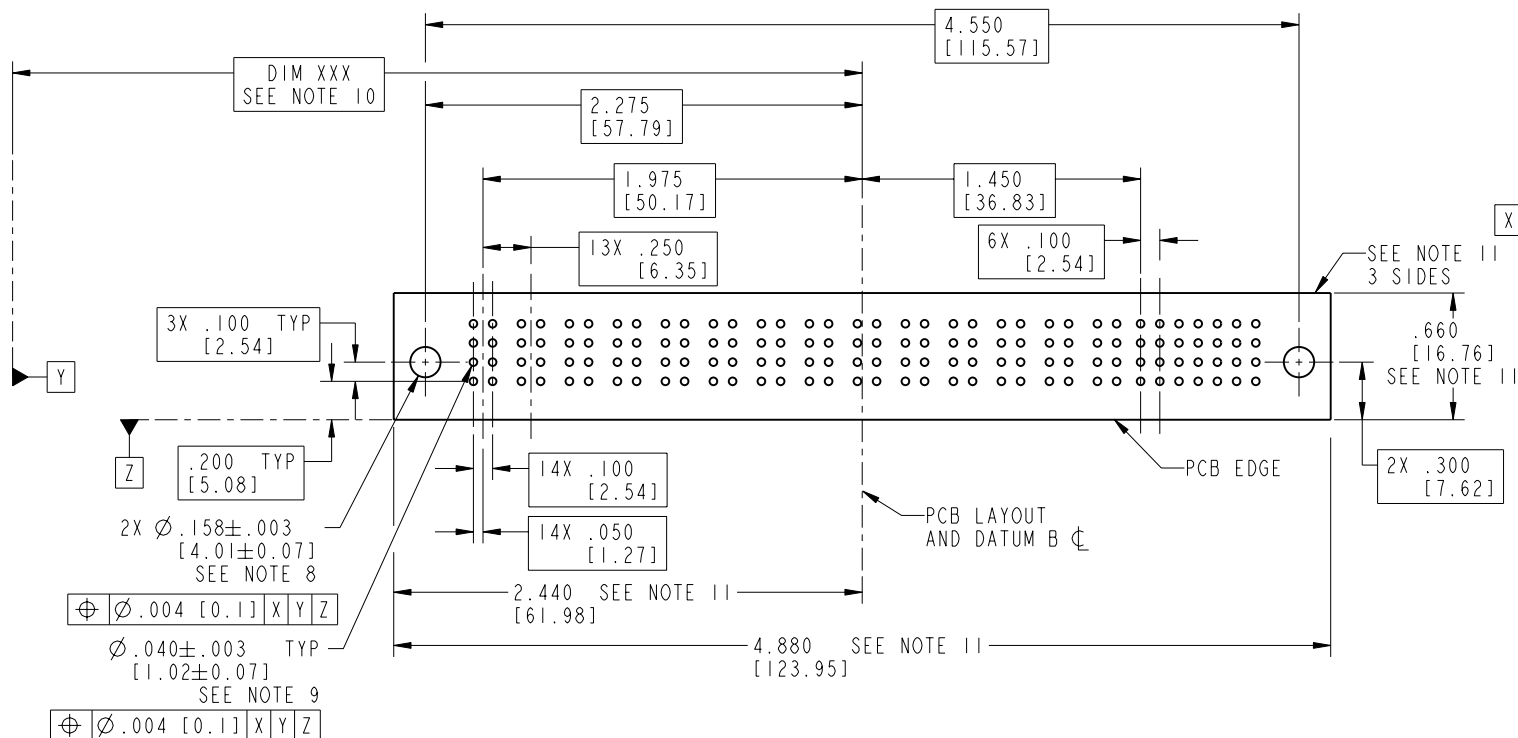
PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
 51732-017--
 NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		title 14P + 28S			
B					.XXX±.005/0.XX±0.13	projection		RIGHT ANGLE SOLDER HEADER			
					.XXXX±.0020/0.XXX±0.051	INCH/MM		product family PwrBlade			
				angles	0°±2°	scale 1:1		size 51732-017			
				dr	T. BRUNGARD 12/17/03			code 213			
				enrg	M. GRAY 12/17/03			sheet 3 of 4			
				chr	M. GRAY 12/17/03						
				appd	M. GRAY 12/17/03						
sheet index	revision sheet										

cage code 22526

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51732-017--
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:

51732-017 Signal 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.

51732-017LF Signal 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 51732-017LF 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 $\pm$ 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	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY			title 14P + 28S RIGHT ANGLE SOLDER HEADER			
B					.XXX±.005/0.XX±0.13		projection						
					.XXX±.0020/0.XXX±0.051								
				angles	0°±2°								
		dr			T. BRUNGARD	12/17/03	INCH/MM		product family		PwrBlade		code
		engr			M. GRAY	12/17/03			size		dwg no		213
		chr			M. GRAY	12/17/03	scale		A		51732-017		sheet
		appd			M. GRAY	12/17/03	1:1						4 of 4
sheet index		revision sheet											