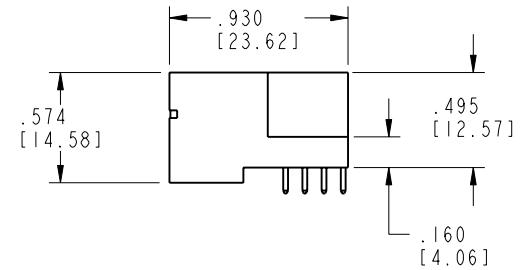
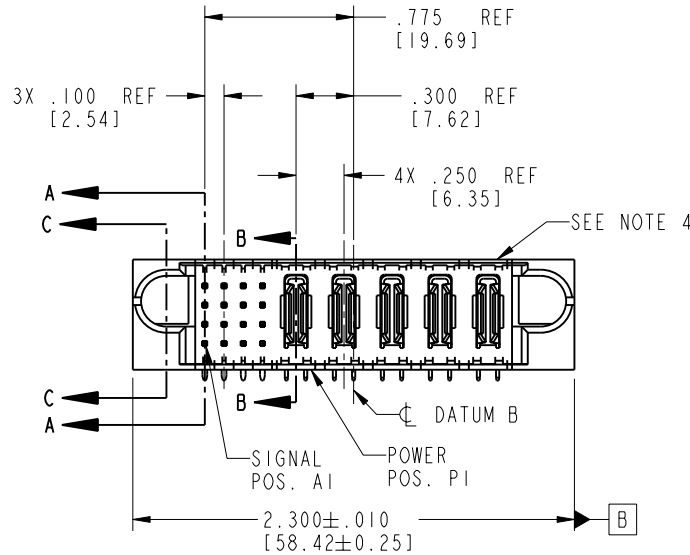
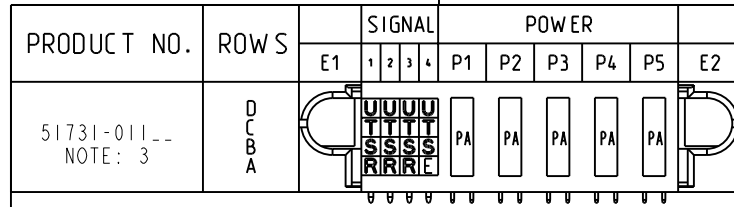


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

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		projection	title 16S + 5P RIGHT ANGLE SOLDER HEADER
A	V20636	JWS	04-01-02		.XXX±.005/0.XX±0.13	INCH/MM			
B	DG05-0458	GuoJM	11/19/05		.XXXX±.0020/0.XXX±0.051	scale 1:1			
				angles	0°±2°			product family PwrBlade	code 213 sheet 1 of 4
				dr	J. SHAFFER 04-01-02				
				engr	J. ALLISON 04-01-02				
				chr	J. ALLISON 04-01-02			size A	dwg no 51731-011
				appd	J. ALLISON 04-01-02				
sheet index	revision sheet	B 1	B 2	B 3	B 4				

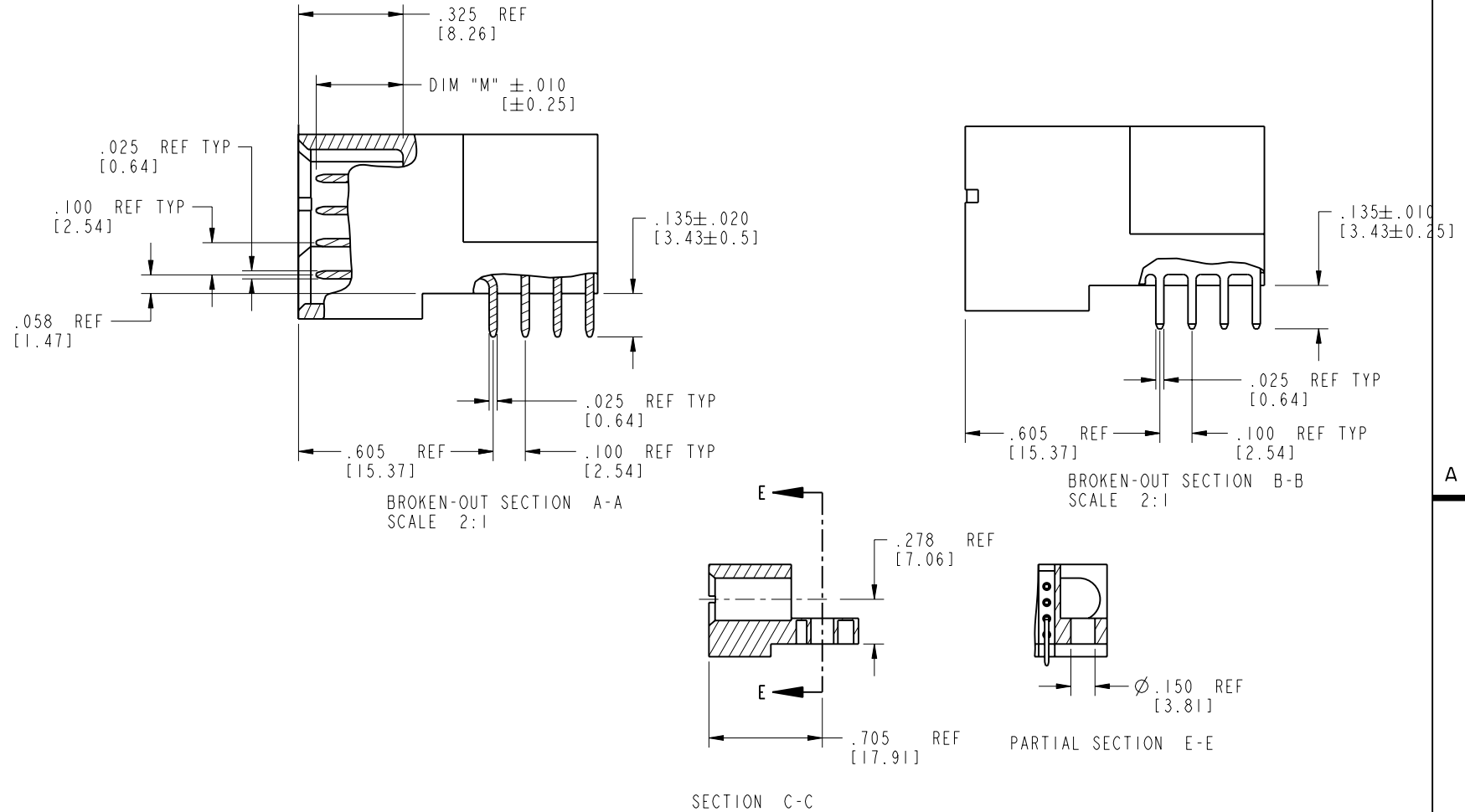
Pro/E

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PRODUCT NUMBER
51731-011--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com			
lfr	ecn no.	dr	date	linear	.XX $\pm .01/0.X \pm 0.3$	projection	COPY	title 16S + 5P RIGHT ANGLE SOLDER HEADER			
B					.XXX $\pm .005/0.XX \pm 0.13$						
					.XXX $\pm .0020/0.XXX \pm 0.051$						
				angles	$0^\circ \pm 2^\circ$		INCH/MM scale 1:1	product family PwrBlade		code 213	
				dr	J. SHAFFER 04-01-02			size A	dwg no 51731-011	sheet 2 of 4	
				engr	J. ALLISON 04-01-02						
				chr	J. ALLISON 04-01-02						
				appd	J. ALLISON 04-01-02						
sheet index		revision sheet									

Pro/E

3

cage code 22526

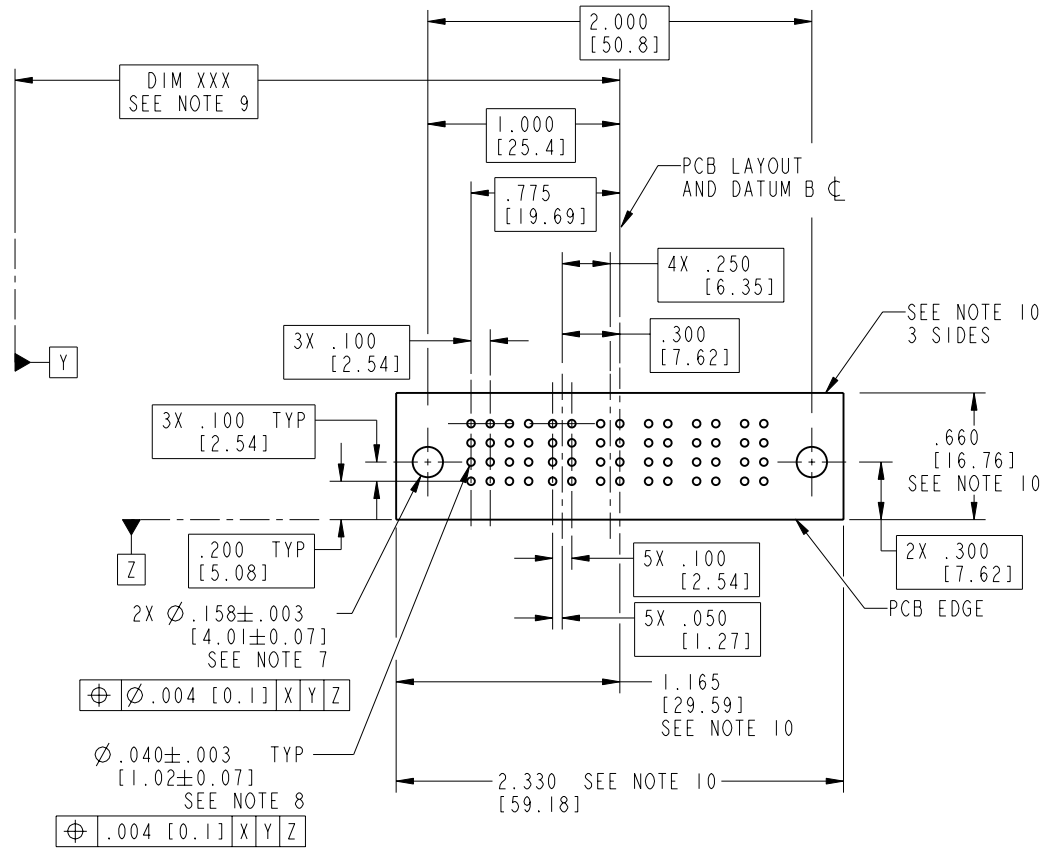
4

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51731-011--
NOTE: 3



RECOMMENDED PCB LAYOUT

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		projection 	title 16S + 5P RIGHT ANGLE SOLDER HEADER			
B			.XXX±.005/0.XX±0.13										
			.XXXX±.0020/0.XXX±0.051										
				angles	0°±2°				INCH/MM 	product family PwrBlade		code	
			dr	J. SHAFFER	04-01-02			213					
			enrg	J. ALLISON	04-01-02			sheet					
			chr	J. ALLISON	04-01-02			3 of 4					
			appd	J. ALLISON	04-01-02			scale 1:1		A		51731-011	
sheet index		revision sheet											

cage code 22526

Pro/E

PRODUCT NUMBER

51731-011__

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:

51731-011 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.

51731-011LF 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 51731-011LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER J 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
.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					COPY					
B					linear	.XX $\pm$.01/0.X $\pm$ 0.3		projection	title 16S + 5P RIGHT ANGLE SOLDER HEADER				
					.XXX $\pm$.005/0.XX $\pm$ 0.13								
				angles	.XXX $\pm$.0020/0.XXX $\pm$ 0.051								
						0° $\pm$ 2°		INCH/MM scale 1:1	product family		PwrBlade	code	
				dr	J. SHAFFER	04-01-02	size		dwg no	213		sheet	
				enrg	J. ALLISON	04-01-02	51731-011		4 of 4				
				chr	J. ALLISON	04-01-02							
				appd	J. ALLISON	04-01-02							
sheet index		revision sheet											