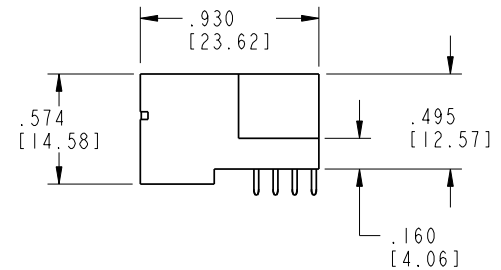
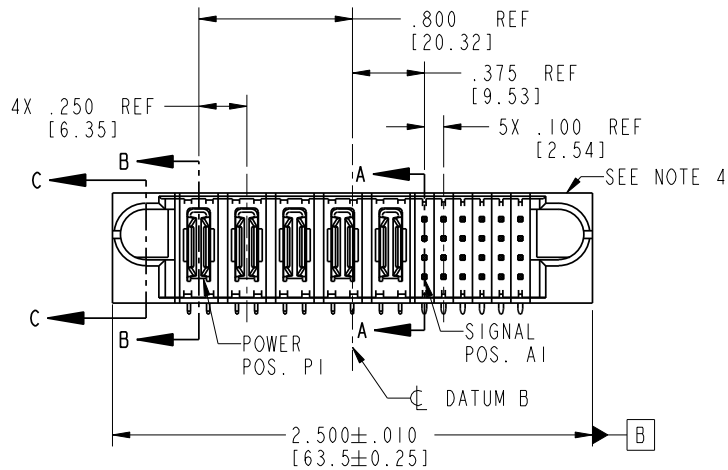
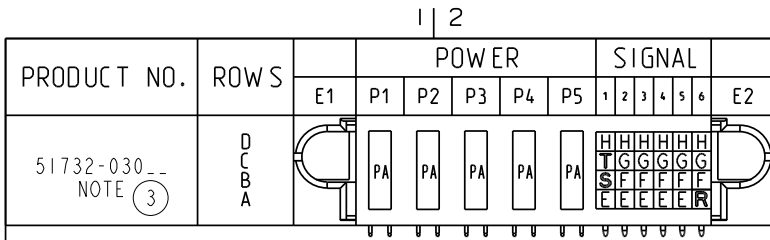


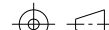
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FCI



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

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				title 5P + 24S RIGHT ANGLE SOLDER HEADER				
A		DG06-0119		JMG		03/20/06			.XXX±.005/0.XX±0.13				projection								
									.XXXX±.0020/0.XXX±0.051												
									angles												
									0°±2°												
								dr		JMG		03/20/06		INCH/MM		product family		PwrBlade		code	
								engr		SLUO		03/20/06		scale		size		dwg no		213	
								chr		BEER FU		03/20/06				A		51732-030		sheet	
								oppd		JOSEPH HSIA		03/20/06		1:1						1 of 4	
sheet index		revision sheet		A		A		A		A											
				1		2		3		4											

Pro/E

PDM: Rev: A

STAT: Released

Printed: Dec 20, 2010

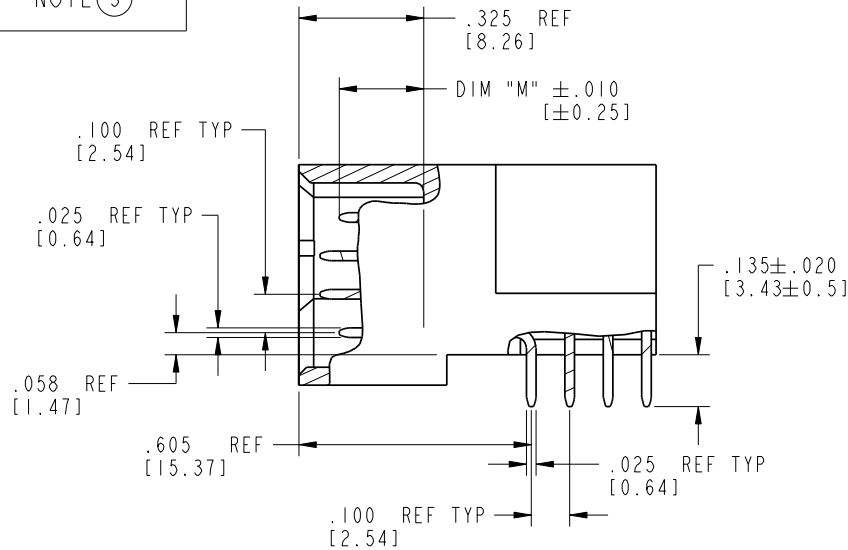
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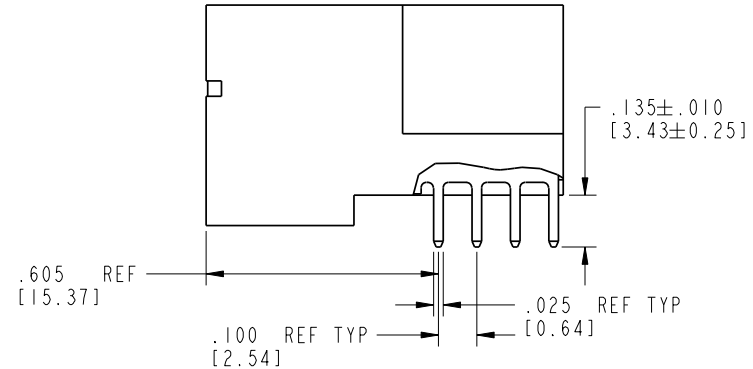
FCI

PRODUCT NUMBER

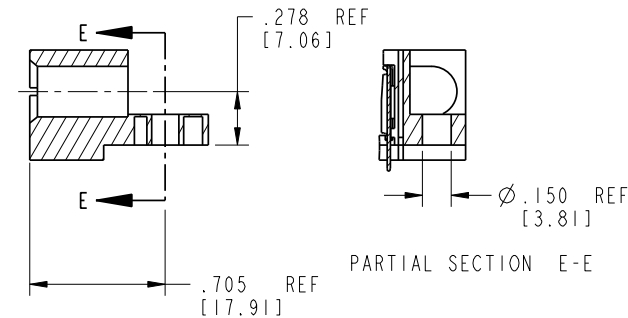
51732-030--
NOTE ③



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				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lir	ecr no.	dr	date	linear	projection	linear	projection	linear	projection	linear	projection	linear	projection
A						.XX±.01/0.X±0.3							
						.XXX±.005/0.XX±0.13							
						.XXX±.0020/0.XXX±0.051							
				angles		0°±2°							
				dr	JMG	03/20/06							
				enr	SLUO	03/20/06							
				chr	BEER FU	03/20/06							
				appd	JOSEPH HSIA	03/20/06							
sheet index	revision sheet												

COPY

projection

INCH/MM

scale

1:1

title

5P + 24S

RIGHT ANGLE SOLDER HEADER

product family

PwrBlade

size

dwg no

A 51732-030

code

213

sheet

2 of 4

Pro/E

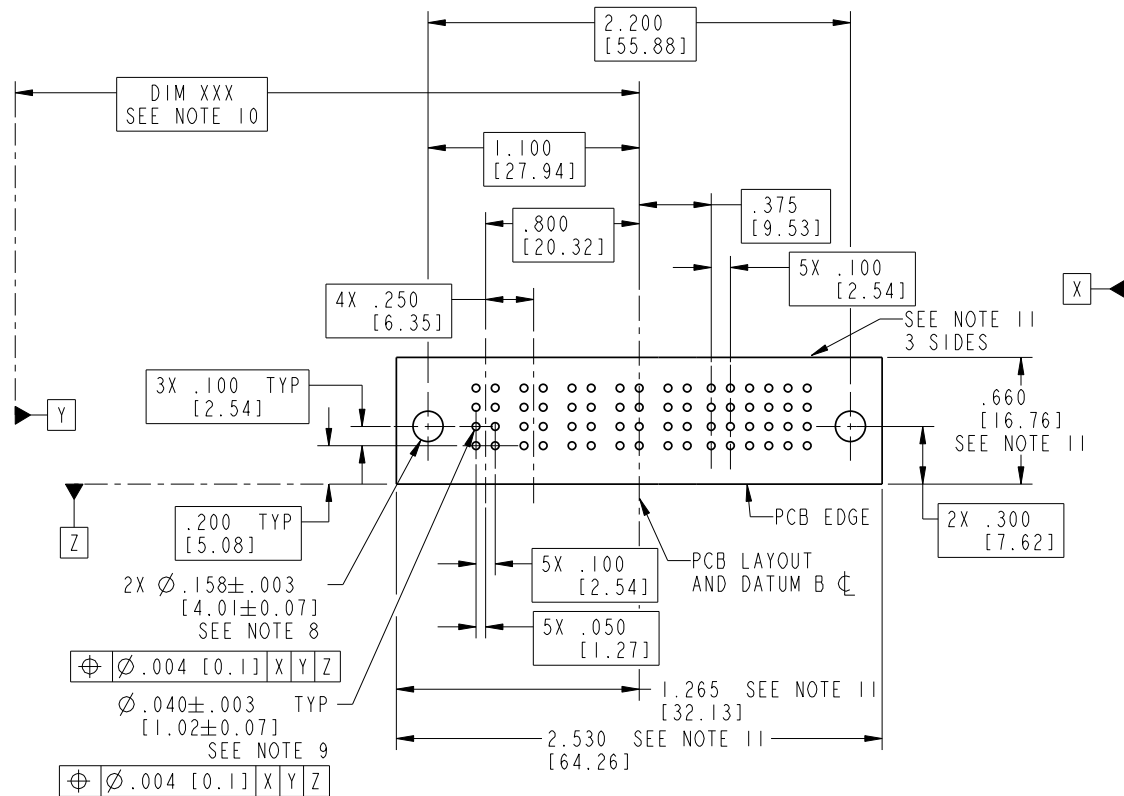
PDM: Rev: A

STAT: Released

Printed: Dec 20, 2010

PRODUCT NUMBER

51732-030--
NOTE ③



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY	
A				linear	.XXX±.005/0.XX±0.13	projection	
				angles	.XXXX±.0020/0.XXX±0.051		
					0°±2°		
				dr	JMG 03/20/06	INCH/MM	
				enrg	SLUO 03/20/06	scale	
				chr	BEER FU 03/20/06	1:1	
				appd	JOSEPH HSIA 03/20/06		
sheet index	revision sheet						

FCI		www.fciconnect.com	
title		5P + 24S	
product family		PwrBlade	
size	dwg no	code	
A	51732-030	213	
		sheet	
		3 of 4	

FCI

A

B

1 | 2

3 |

4

A

B

PRODUCT NUMBER

51732-030__
NOTE ③

NOTES:

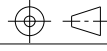
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
- PLATING:
51732-030, 51732-030LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.
- MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.
- PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
- PACKAGED IN TRAYS.

PCB NOTES:

- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- $\varnothing .0453 \pm .0010$ [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.
- "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- CONNECTOR KEEP-OUT ZONE.

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			title	
A					.XXX±.005/0.XX±0.13					5P + 24S	
					.XXXX±.0020/0.XXX±0.051					RIGHT ANGLE SOLDER HEADER	
				angles	0°±2°		INCH/MM		product family		code
				dr	JMG	03/20/06	scale		PwrBlade		213
				enrg	SLUO	03/20/06	1:1		size dwg no		sheet
				chr	BEER FU	03/20/06			A 51732-030		4 of 4
				appd	JOSEPH HSIA	03/20/06					
sheet index		revision sheet									

1 | 2

Pro/E

PDM: Rev: A

STATUS: Released

Printed: Dec 20, 2010