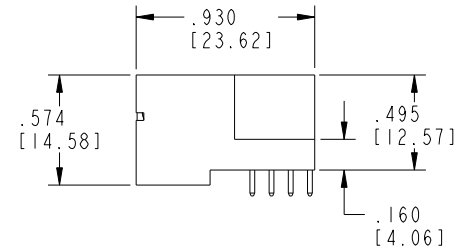
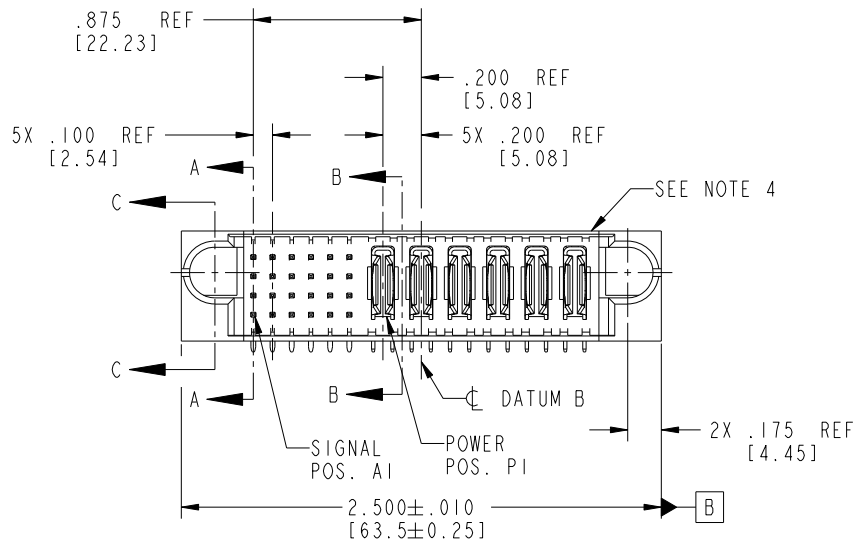


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				1 2													
PRODUCT NO.	ROW S	E1	SIGNAL						POWER						E2		
			1	2	3	4	5	6	P1	P2	P3	P4	P5	P6			
51939-309-- NOTE ③	D C B A		U	U	U	U	U	U	PA	PA	PA	PA	PA	PA	PA		
			T	T	T	T	T	T									
			S	S	S	S	S	S									
			F	F	F	F	F	F									
			U	U	U	U	U	U	U	U	U	U	U	U	U		



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

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	projection	.XX±.01/0.X±0.3		COPY		www.fciconnect.com	
A	DG07-0321	JC	08/07/07			.XXX±.005/0.XX±0.13		INCH/MM		title	
B	DG08-0266	W D	09/22/08			.XXX±.0020/0.XXX±0.051		scale		24S + 6P	
				angles		0°±2°		product family		PwrBlade	
				dr	Jerome Chen	07/16/07			size		code
				enrg	Jerome Chen	08/07/07			dwg no		213
				chr	Gary Hsieh	07/16/07			A		sheet
				appd	Joseph Hsia	07/16/07			51939-309		1 of 4
sheet index	revision	B	B	B	B						
	sheet	1	2	3	4						

Pro/E

PDM: Rev:B

STAT: Released

Printed: Dec 20, 2010

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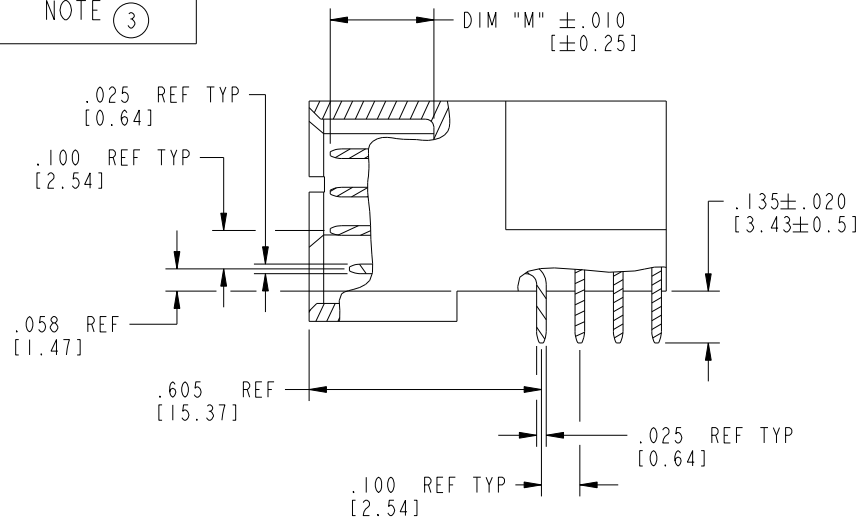


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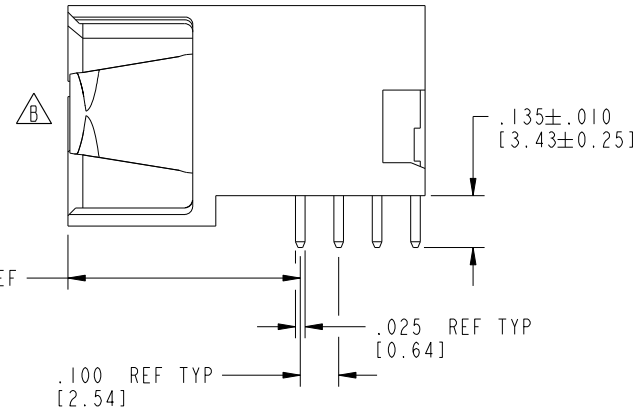
PRODUCT NUMBER

51939-309_

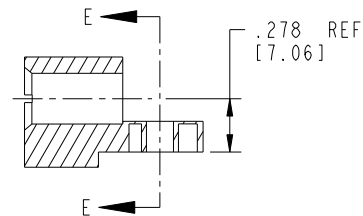
NOTE (3)



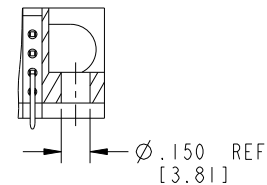
BROKEN-OUT SECTION A-A
SCALE 2:1



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								www.fciconnect.com					
ltr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3				COPY								title 24S + 6P RIGHT ANGLE SOLDER HEADER			
B										.XXX±.005/0.XX±0.13				INCH/MM											
										.XXXX±.0020/0.XXX±0.051				scale 1:1											
								angles		0°±2°															
								dr		Jerome Chen		07/16/07						product family		PwrBlade		code			
								enrg		Jerome Chen		08/07/07						size		dwg no		213			
								chr		Gary Hsieh		07/16/07						A		51939-309		sheet			
								appd		Joseph Hsia		07/16/07										2 of 4			
sheet index		revision sheet																							

Pro/E

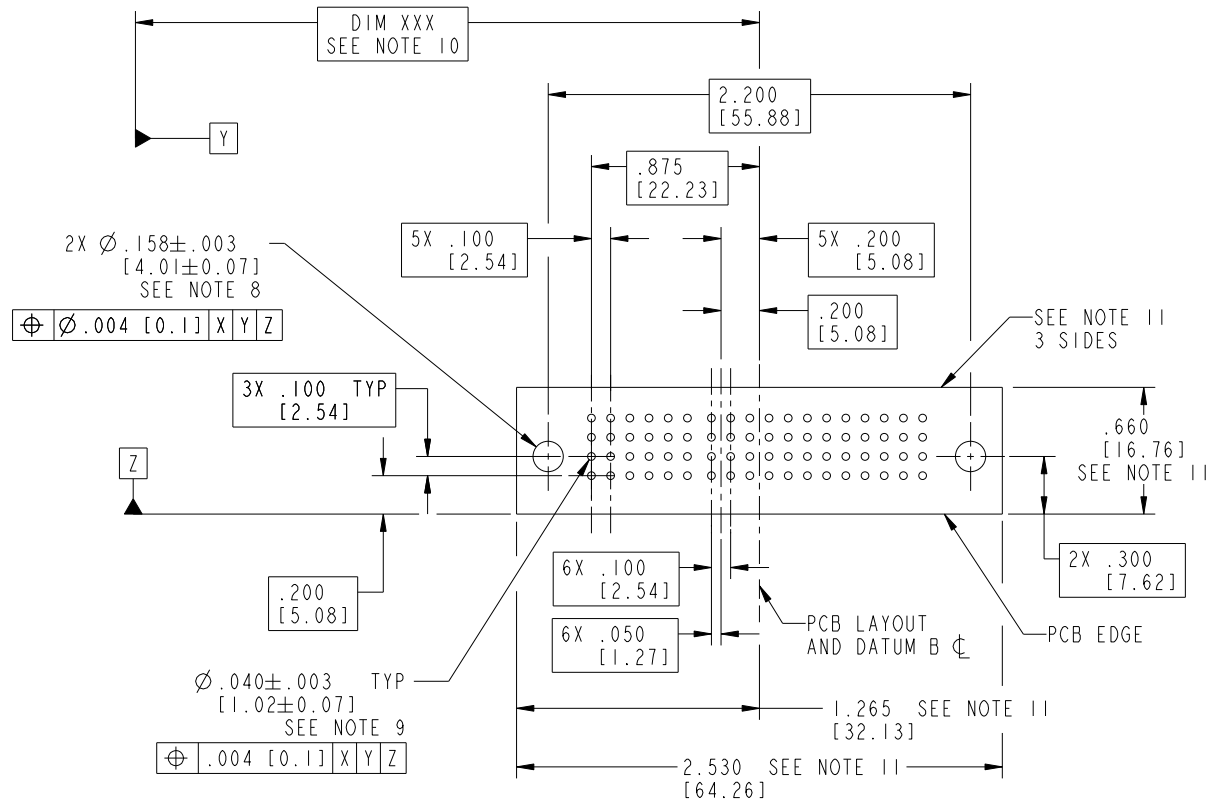
PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
51939-309__
NOTE ③



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	angular	COPY	
B				.XX±.01/0.X±0.3	0°±2°	projection	title
				.XXX±.005/0.XX±0.13			24S + 6P
				.XXXX±.0020/0.XXX±0.051			RIGHT ANGLE SOLDER HEADER
						INCH/MM	product family
				dr Jerome Chen 07/16/07		scale	PwrBlade
				enrg Jerome Chen 08/07/07		1:1	size
				chr Gary Hsieh 07/16/07			dwg no
				appd Joseph Hsia 07/16/07			51939-309
sheet index	revision sheet						code
							213
							sheet
							3 of 4



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title 24S + 6P
RIGHT ANGLE SOLDER HEADER

product family PwrBlade
size 213
dwg no 51939-309
sheet 3 of 4

cage code 22506
STATUS: Released

Printed: Dec 20, 2010

1 | 2

3 |

4

A

A

B

B

1 | 2

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER

51939-309_-
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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-309 AND 51939-309LF RESPECTIVELY.

- 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 OR Sn 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.

12. A△/B△ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date					COPY		www.fciconnect.com			
B				linear		.XX±.01/0.X±0.3		projection		title 24S + 6P			
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER			
				angles		.XXX±.0020/0.XXX±0.051				product family PwrBlade			
						0°±2°				code 213			
				dr	Jerome Chen	07/16/07		INCH/MM		size			
				engr	Jerome Chen	08/07/07				dwg no			
				chr	Gary Hsieh	07/16/07		scale		A 51939-309			
				appd	Joseph Hsia	07/16/07		1:1		sheet 4 of 4			
sheet index		revision sheet											