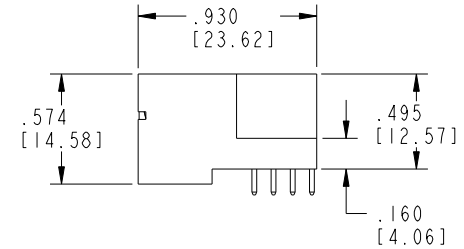
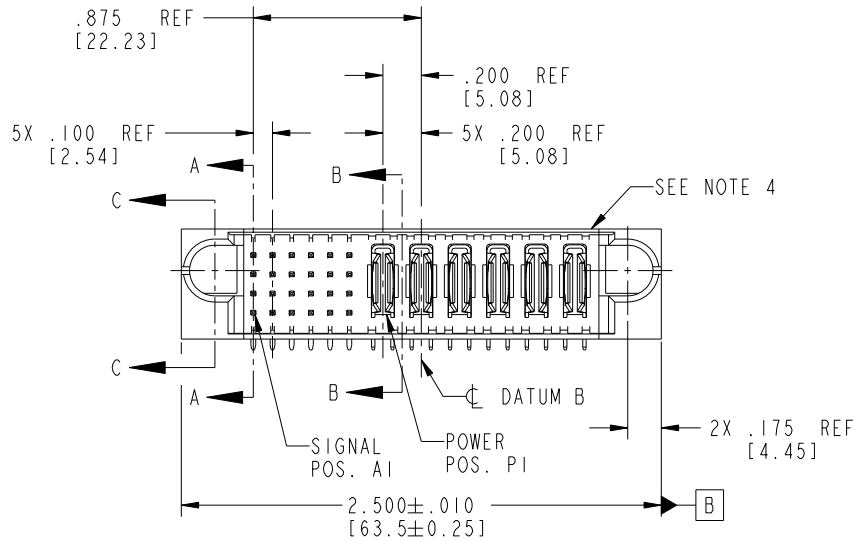




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PRODUCT NO.	ROWS	SIGNAL						POWER																																															
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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
R	.270 [6.86]	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			
ltr		ecn no.		dr		date		linear		www.fciconnect.com	
A		DG07-0321		JC		08/07/07		linear		title	
B		DG08-0266		W D		09/22/08		linear		24S + 6P	
								linear		RIGHT ANGLE SOLDER HEADER	
								linear		product family	
								linear		PwrBlade	
								linear		code	
								linear		213	
								linear		sheet	
								linear		1 of 4	
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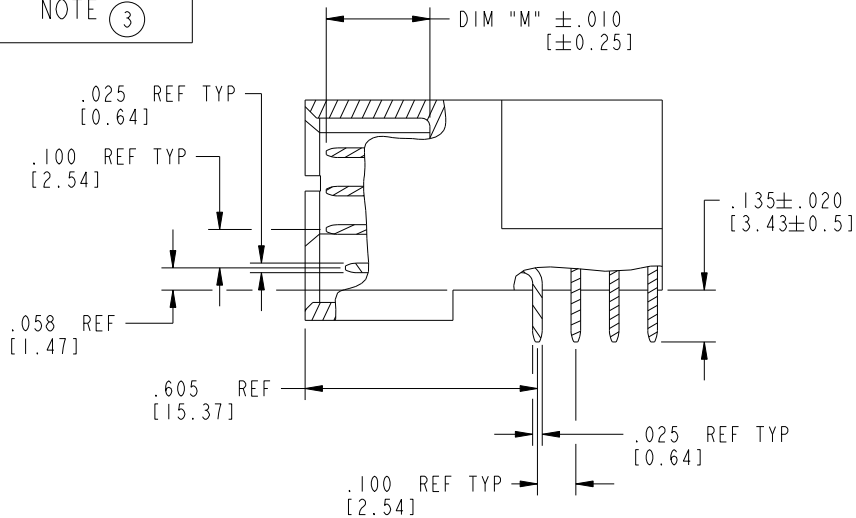


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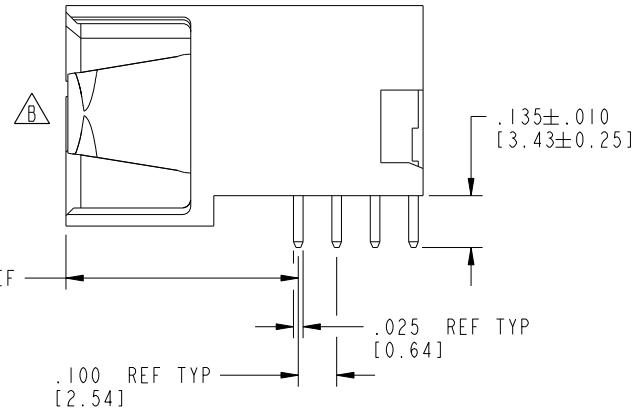
PRODUCT NUMBER

51939-309_

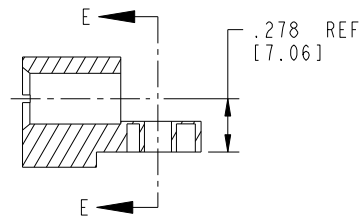
NOTE (3)



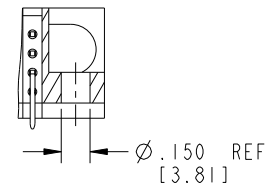
BROKEN-OUT SECTION A-A
SCALE 2:1



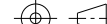
BROKEN-OUT SECTION B-B
SCALE 2:1



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						
B					.XXX±.005/0.XX±0.13									24S + 6P						
					.XXXX±.0020/0.XXX±0.051									RIGHT ANGLE SOLDER HEADER						
				angles	0°±2°								product family				PwrBlade			
				dr	Jerome Chen	07/16/07			size				dwg no				code			
				enrg	Jerome Chen	08/07/07											213			
				chr	Gary Hsieh	07/16/07			scale								sheet			
				appd	Joseph Hsia	07/16/07			1:1				A				51939-309			
sheet index		revision sheet																		

Pro/E

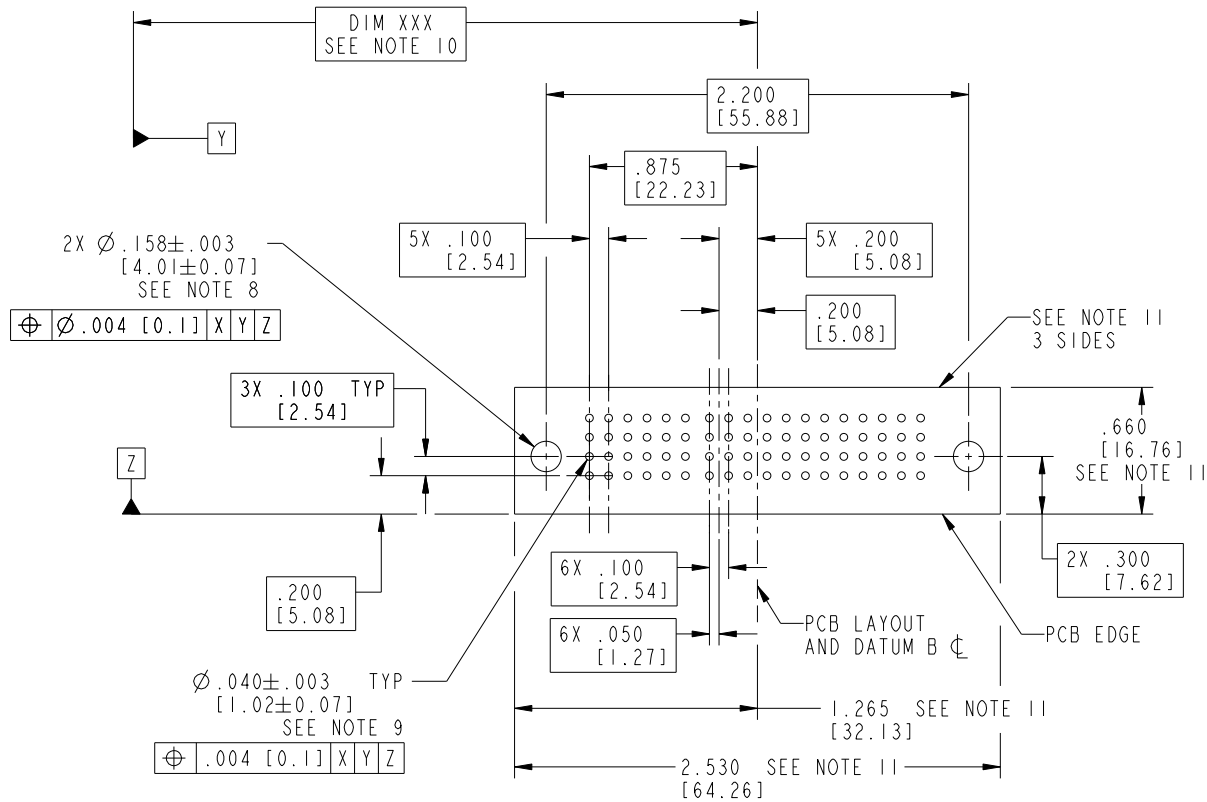
PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER
51939-309__
NOTE ③



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER			
ltr	ecn no.	dr	date	linear				.XX±.01/0.X±0.3				COPY			
B				angles				.XXX±.005/0.XX±0.13				projection			
								.XXX±.0020/0.XXX±0.051							
								0°±2°							
				dr	Jerome Chen	07/16/07									
				enrg	Jerome Chen	08/07/07									
				chr	Gary Hsieh	07/16/07									
				appd	Joseph Hsia	07/16/07									
sheet index	revision	sheet													



www.fciconnect.com

title 24S + 6P
RIGHT ANGLE SOLDER HEADER

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

STAT: Released

Printed: Dec 20, 2010

PDM: Rev:B

Pro/E

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

(B) 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. (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 $\pm$.01 / 0.X $\pm$ 0.3		projection		title	24S + 6P
						.XXX $\pm$.005 / 0.XX $\pm$ 0.13				RIGHT ANGLE SOLDER HEADER	
						.XXX $\pm$.0020 / 0.XXX $\pm$ 0.051				product family	PwrBlade
				angles		0° $\pm$ 2°				size	213
				dr	Jerome Chen	07/16/07		INCH/MM		dwg no	sheet
				engr	Jerome Chen	08/07/07				A	4 of 4
				chr	Gary Hsieh	07/16/07		scale			
				appd	Joseph Hsia	07/16/07		1:1			
sheet index		revision sheet									