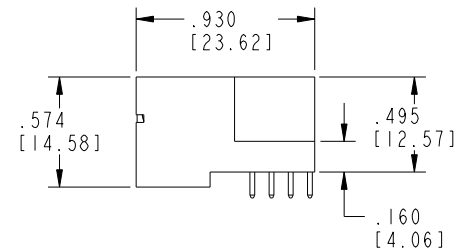
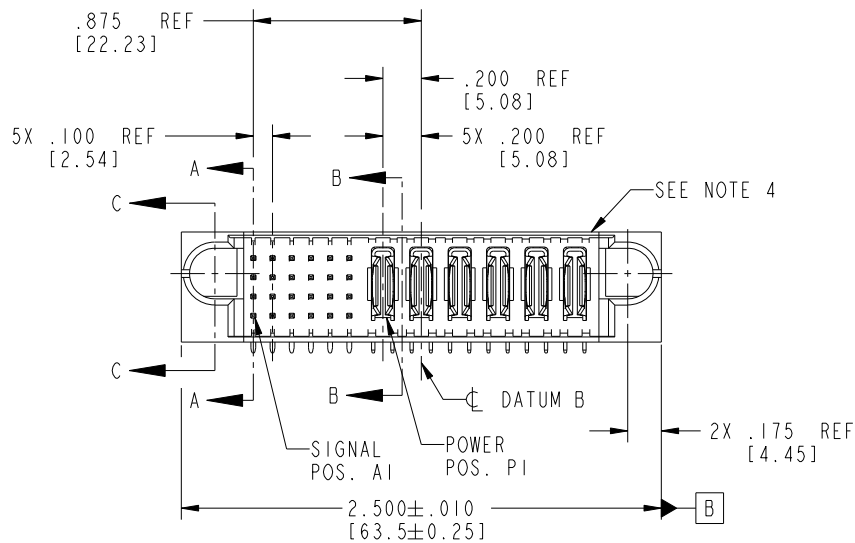
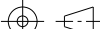




1														2														3														4													
PRODUCT NO.	ROWS	SIGNAL						POWER																																															
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	E2																																								
51939-309-- NOTE ③	D C B A		UUUUUU	TTTTTT	TTTTTT	TTTTTT	TTTTTT	TTTTTT	PA	PA	PA	PA	PA	PA	PA																																								
			SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS																																															
			RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR																																															



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

Tous droits strictement réservés. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

1 | 2

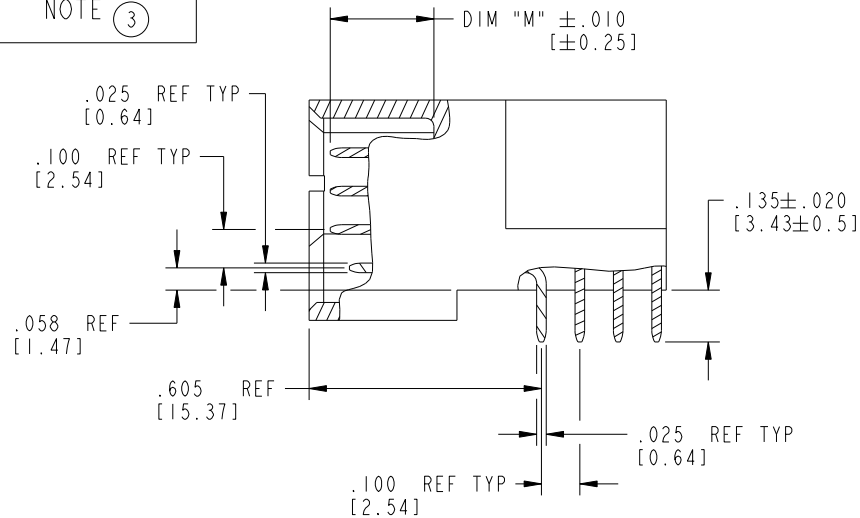
3 |

4

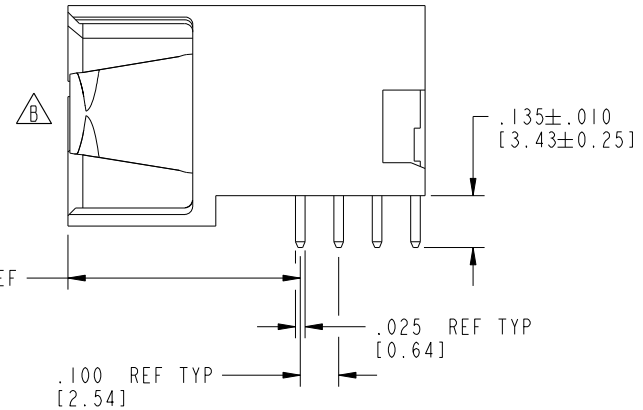
PRODUCT NUMBER

51939-309_

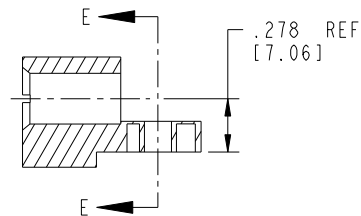
NOTE (3)



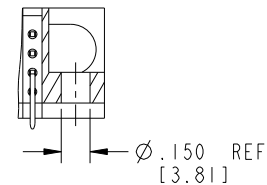
BROKEN-OUT SECTION A-A
SCALE 2:1



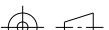
BROKEN-OUT SECTION B-B
SCALE 2:1



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		projection		title					
B										.XXX±.005/0.XX±0.13				24S + 6P					
								angles		.XXXX±.0020/0.XXX±0.051				RIGHT ANGLE SOLDER HEADER					
										0°±2°									
				dr		Jerome Chen 07/16/07		engr		Jerome Chen 08/07/07		INCH/MM		product family		PwrBlade		code	
												scale		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																	

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											