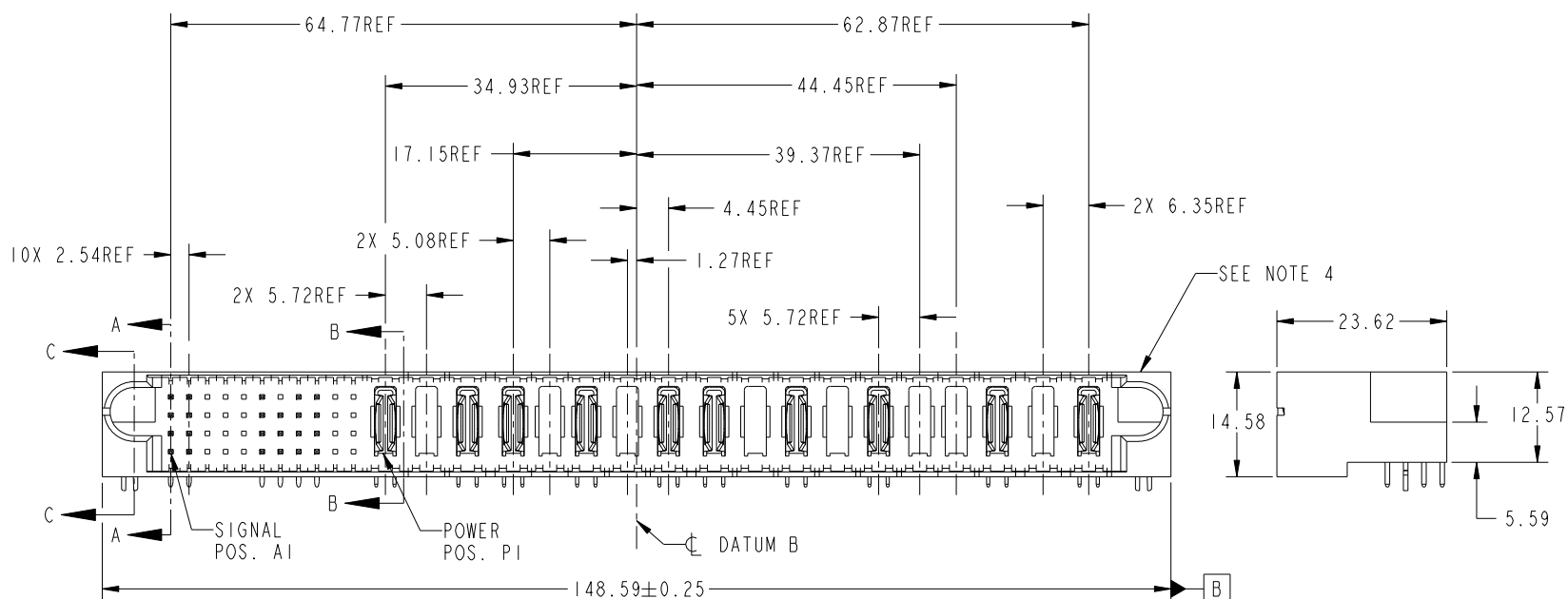
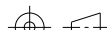
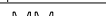




1											2											3																		4	
PRODUCT NO.	ROWS	SIGNAL											POWER																												
		E1	1	2	3	4	5	6	7	8	9	10	11	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16	P17		P18	E2								
51939-291-- NOTE: 3	D C B A		UU	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	PA	X	PA	PA	PA	X	PA	X	PA	PA	X	PA	X	PA	X	X	PA	X	PA									
			TT	XX	XX	XX	XX	XX	XX	XX	XX	XX	TT																												
			SS	XX	XX	XX	XX	XX	XX	XX	XX	XX	SS																												
			RR	XX	XX	XX	XX	XX	XX	XX	XX	RR																													



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
R	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI  www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY			title	
A	DG07-0163	JMG	05/15/07		0.XX ±0.13		projection			44S + 18P	
B	DG08-0266	W D	09/22/08		0.XXX ±0.051		angles			RIGHT ANGLE SOLDER HEAD	
				angles	0° ±2°						
				dr	JM GUO	05/15/07			product family		code
				enrg	RYAN YUAN	05/15/07			PwrBlade		213
				chr	GARY HSIEH	05/15/07			size dwg no		sheet
				appd	JOSEPH HSIA	05/15/07	scale		A	51939-291	1 of 4
							1:1				
sheet index	revision sheet	B	B	B	B						
		1	2	3	4						

B

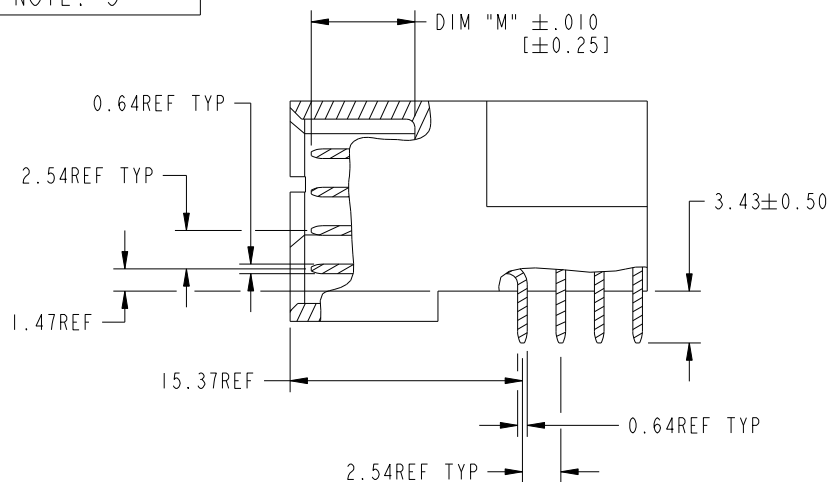
B



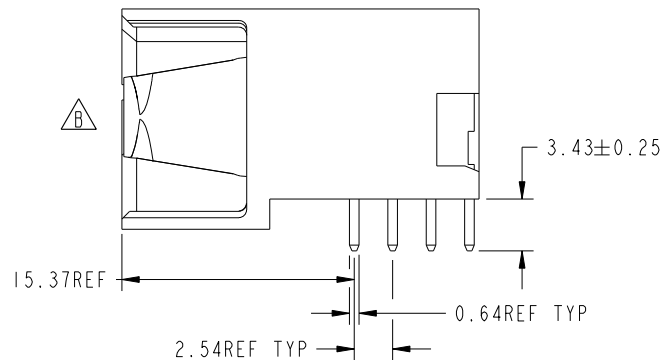
PRODUCT NUMBER

51939-291__

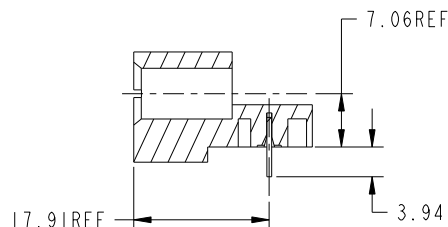
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1

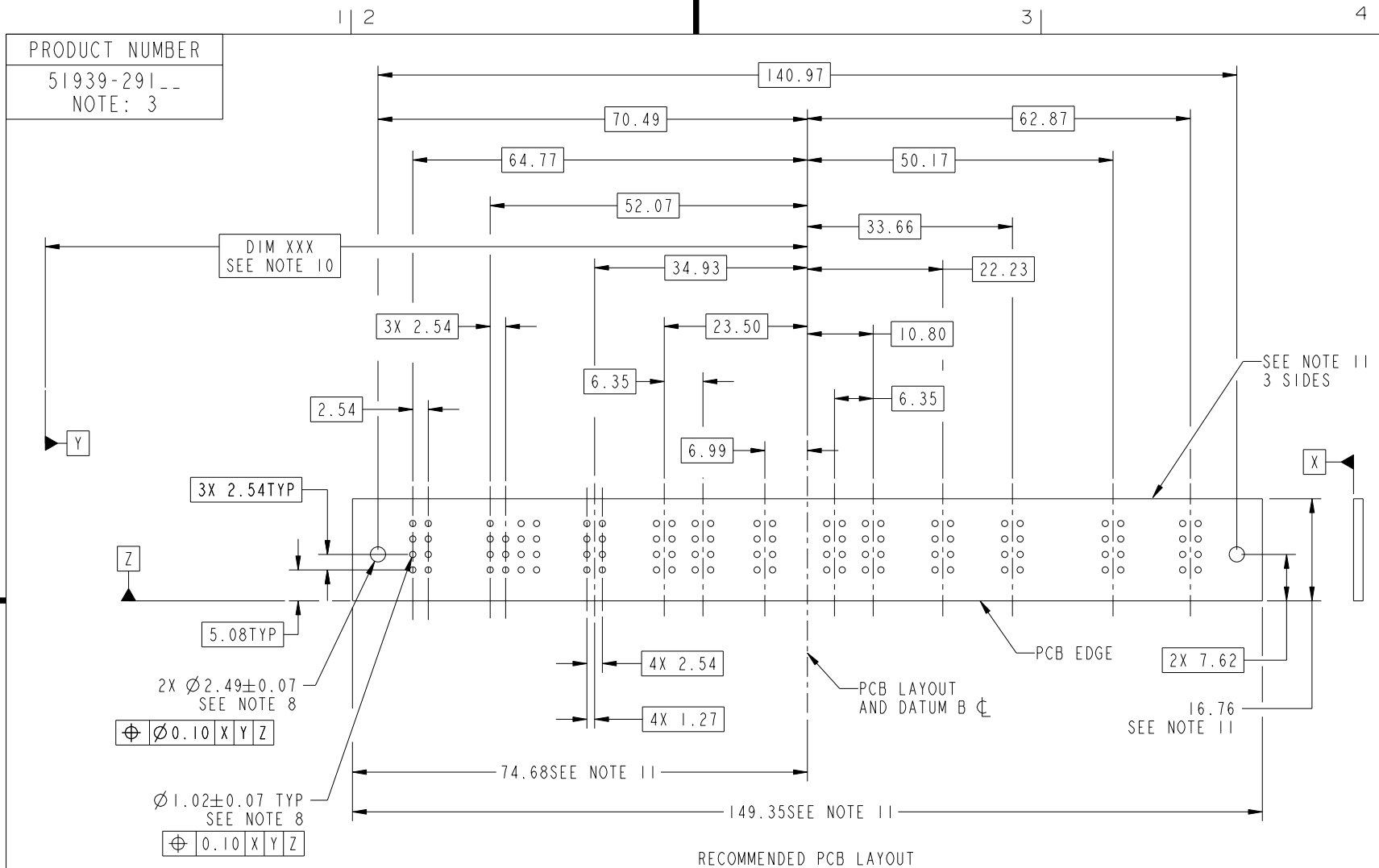


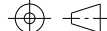
BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear		0.X ±0.3		COPY			
B						0.XX ±0.13		projection			
						0.XXX ±0.051					
				angles		0° ±2°		MM		title 44S + 18P	
				dr	JM GUO	05/15/07		scale 1:1		RIGHT ANGLE SOLDER HEADER	
				engr	RYAN YUAN	05/15/07				product family PwrBlade	
				chr	GARY HSIEH	05/15/07				size	213
				appd	JOSEPH HSIA	05/15/07				dwg no	sheet
sheet index	revision sheet									A 51939-291	2 of 4



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com				
ltr		ecn no.		dr		date		linear	0.X ±0.3				COPY				projection  title 44S + 18P RIGHT ANGLE SOLDER HEADER			
B									0.XX ±0.13											
									0.XXX ±0.051											
								angles	0° ±2°											
								dr	JM GUO		05/15/07									
								enrg	RYAN YUAN		05/15/07									
								chr	GARY HSIEH		05/15/07									
								appd	JOSEPH HSIA		05/15/07									
sheet index		revision sheet																		



1 | 2

3

4

PRODUCT NUMBER

51939-291__
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 51939-291 AND 51939-291LF 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) $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE $\varnothing 1.02 \pm .07$ 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		$0.X \pm 0.3$		projection		title	44S + 18P
						$0.XX \pm 0.13$				RIGHT ANGLE SOLDER HEADER	
						$0.XXX \pm 0.051$				product family	PwrBlade
				angles		$0^\circ \pm 2^\circ$				size	213
				dr	JM GUO	05/15/07		MM		dwg no	4 of 4
				enrg	RYAN YUAN	05/15/07		scale		A 51939-291	
				chr	GARY HSIEH	05/15/07		1:1			
				appd	JOSEPH HSIA	05/15/07					
sheet index	revision sheet										

A

A

B

B

1 | 2

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010