

PRODUCT NO.	ROWS	POWER						SIGNAL						E2
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	6
51732-083	D C B A													

A

A

B

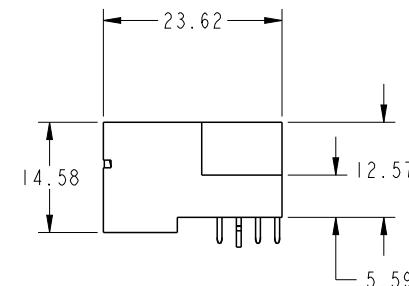
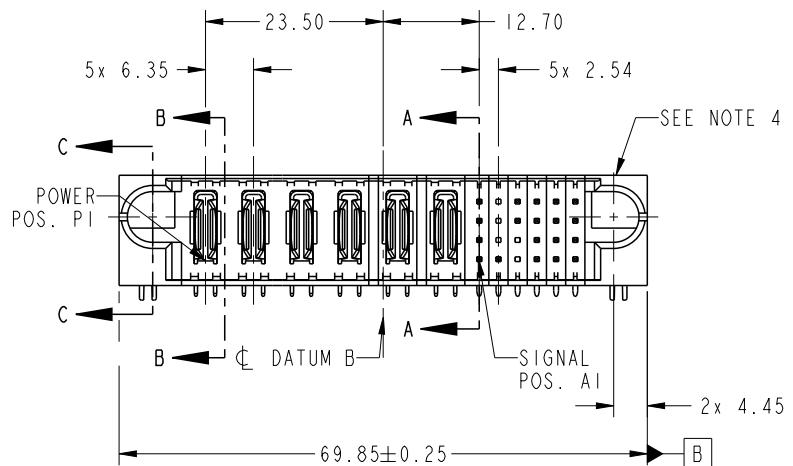
B

C

C

D

D



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
H	[5.59]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
X	OMITTED	

spec ref	* TOLERANCES UNLESS OTHERWISE SPECIFIED		dr	De-Ming Lu	2014/04/29	projection	MM	size	scale
tolerance std			eng	De-Ming Lu	2014/05/06			A4	1:1
ASME Y14.5			chr	-	-			ecn no	-
surface	ASME Y14.5	apprr	Pei-Ming Zheng	2014/05/06	product family	PwrBlade	rel level	Released	
✓		linear	0.X	±0.5		6P + 24S	no	51732-083	
			0.XX	±0.25		RIGHT ANGLE SOLDER HEADER	dwg		
			0.XXX	±0.1			cat. no.		
		angular	0°	±2°	www.fci.com	-	Product - Customer Drw	sheet 1 of 4	

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51732-083  
NOTE: 3

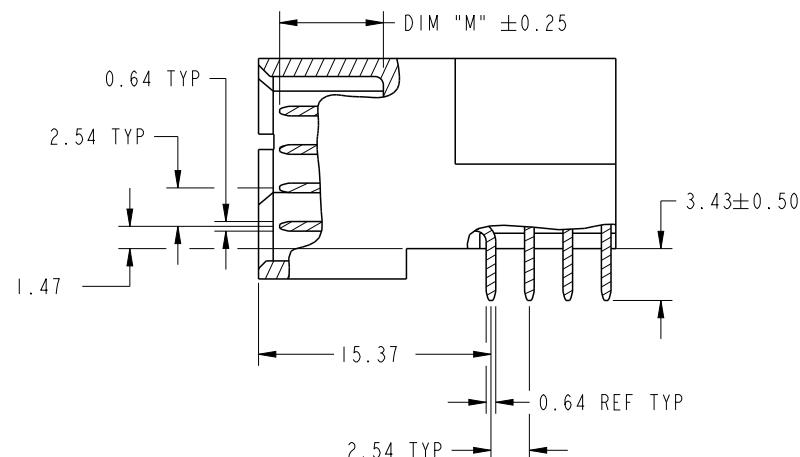
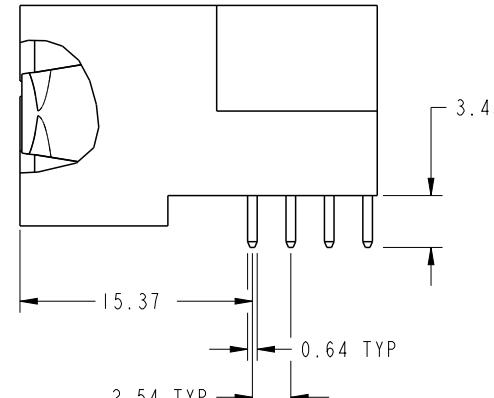
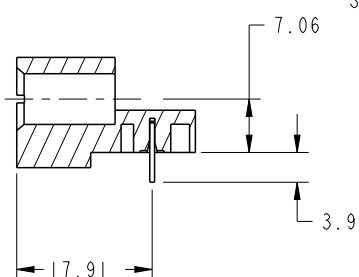
2

3

4

A

A

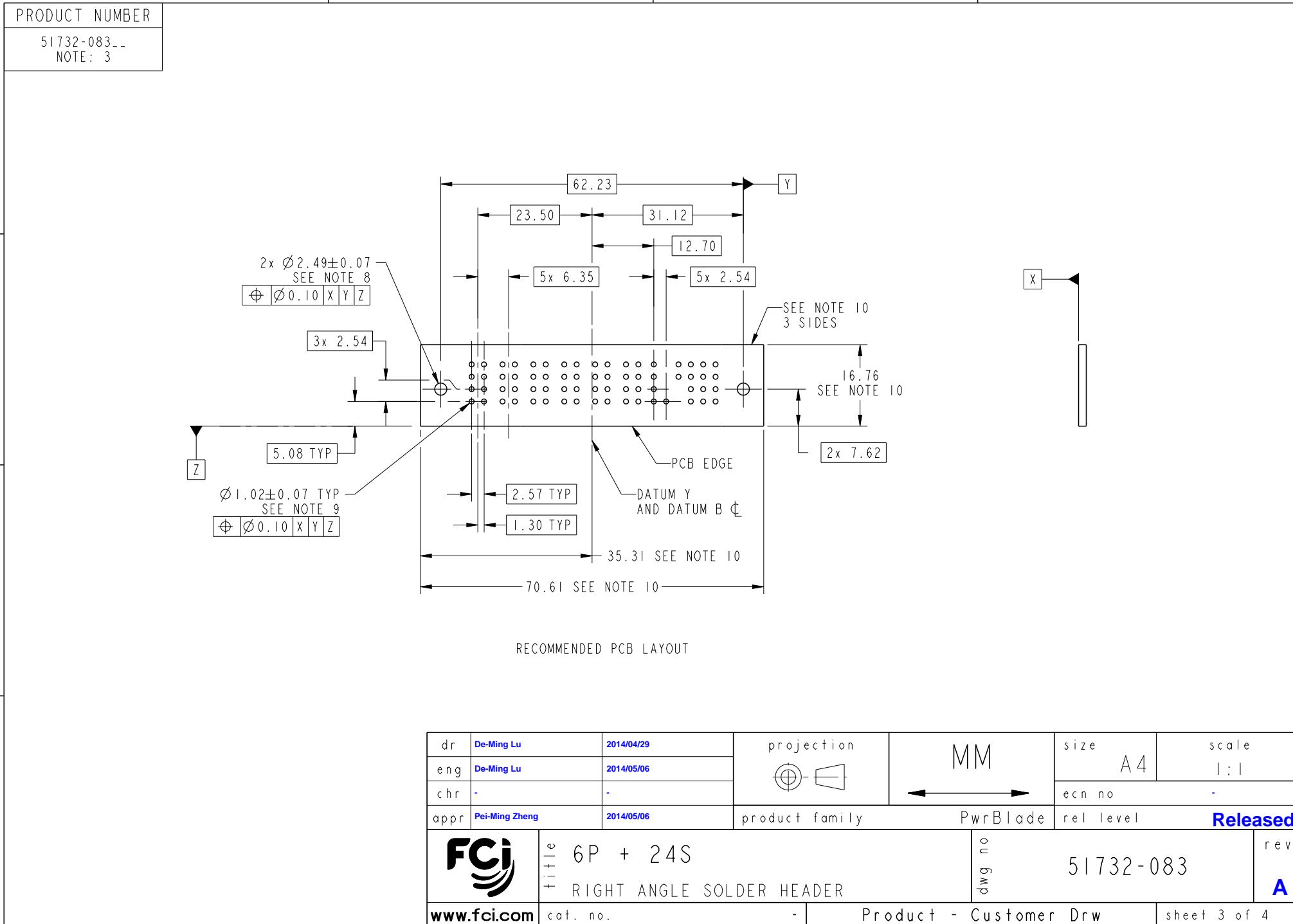
BROKEN-OUT SECTION A-A  
SCALE 2:1BROKEN-OUT SECTION B-B  
SCALE 2:1

SECTION C-C

dr	De-Ming Lu	2014/04/29	projection	MM	size	A4	scale
eng	De-Ming Lu	2014/05/06					
chr	-	-			ecn no	-	
appr	Pei-Ming Zheng	2014/05/06	product family	PwrBlade	rel level	Released	
<b>FCI</b>		6P + 24S RIGHT ANGLE SOLDER HEADER			dwg no	51732-083	
<a href="http://www.fci.com">www.fci.com</a>		cat. no.		-	Product - Customer Drw	sheet 2 of 4	

FCI

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PRODUCT NUMBER	51732-083
NOTE:	3

## NOTES:

A 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 51732-083 AND 51732-083LF RESPECTIVELY.

4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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.  $\phi 1.15 \pm 0.025$  DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE  $\phi 1.02 \pm 0.07$  HOLE.

10. CONNECTOR KEEP-OUT ZONE.

dr	De-Ming Lu	2014/04/29	 product family	MM	size	A4	scale
eng	De-Ming Lu	2014/05/06					
chr	-	-			ecn no	-	
appr	Pei-Ming Zheng	2014/05/06		PwrBlade	rel level	Released	
	e	6P + 24S		dwg no	51732-083	rev	A
	+	RIGHT ANGLE SOLDER HEADER					
www.fci.com	cat. no.	-	Product - Customer Drw		sheet 4 of 4		