

PRODUCT NO.	ROWS	SIGNAL		POWER						E2
		E1	1 2 3 4 5 6	P1	P2	P3	P4	P5	P6	
51731-079	D C B A									

A

A

B

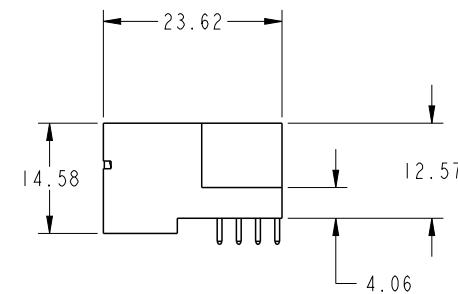
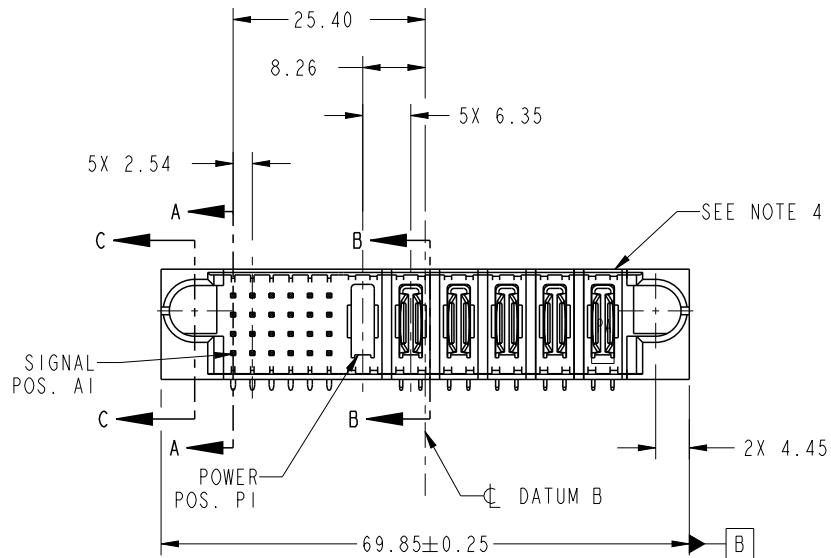
B

C

C

D

D

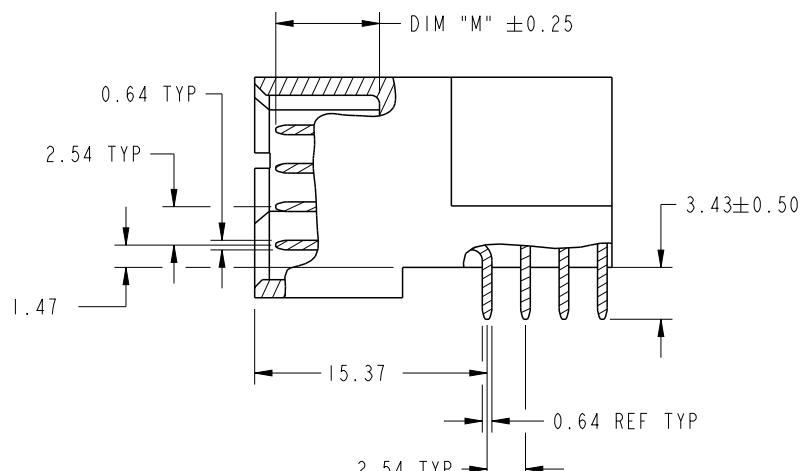
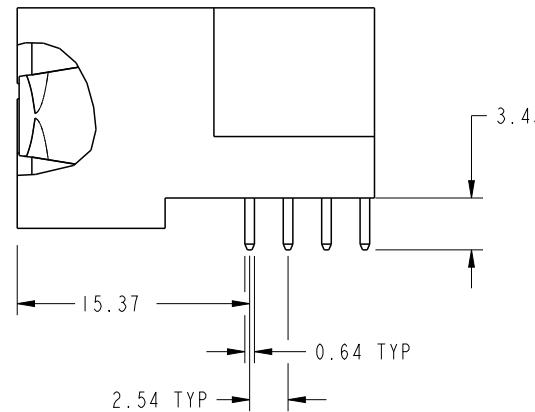
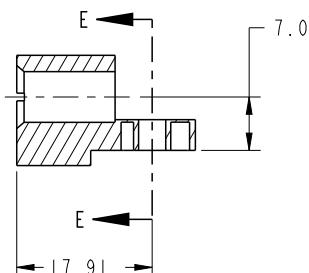


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
X	OMMITTED	OMMITTED

spec ref	* TOLERANCES UNLESS OTHERWISE SPECIFIED		dr	X Q Wang	2011/11/15	projection	MM	size	scale
tolerance std	SEE NOTE		eng	X Q Wang	2011/11/21			A4	1:1
			chr	-	-			ecn no	
			appr	Pei-Ming Zheng	2011/11/21	product family	PwrBlade	rel level	Released
surface	✓	linear	0.X	±0.5	24 S + 6 P RIGHT ANGLE SOLDER HEADER		51731-079	dwg no	rev A
		linear	0.XX	±0.25					
		linear	0.XXX	±0.1					
		angular	0°	±2°					
					www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 4

Pro/E File - REV C - 2009-06-09

PRODUCT NUMBER

51731-079
NOTE: 3BROKEN-OUT SECTION A-A
SCALE 2:1BROKEN-OUT SECTION B-B
SCALE 2:1

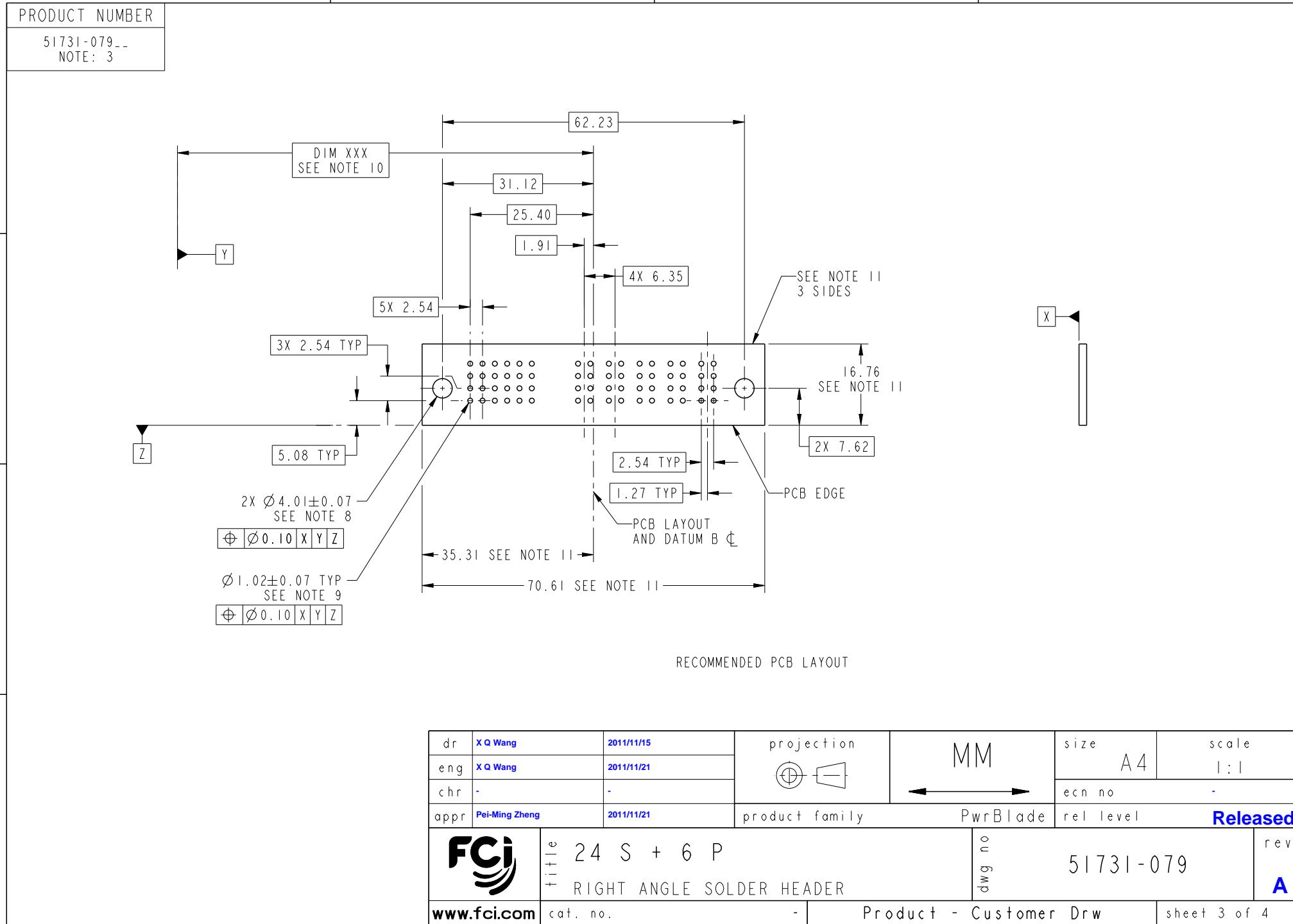
PARTIAL SECTION E-E

SECTION C-C

dr	X Q Wang	2011/11/15	projection	MM	size	A4	scale
eng	X Q Wang	2011/11/21					
chr	-	-					
appr	Pei-Ming Zheng	2011/11/21	product family	PwrBlade	rel level	Released	
		24 S + 6 P			dwg no	51731-079	
		RIGHT ANGLE SOLDER HEADER			rev	A	
www.fci.com		cat. no.		-	Product - Customer Drw	sheet 2 of 4	

FCI

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PRODUCT NUMBER

51731-079
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 51731-079 AND 51731-079LF RESPECTIVELY.

4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON

THIS SURFACE. THE P/N 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. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

 Copyright FCI.	dr XQ Wang 2011/11/15			MM	size A4	scale 1:1			
	eng XQ Wang 2011/11/21								
	chr -				ecn no -				
	appr Pei-Ming Zheng 2011/11/21		product family PwrBlade		rel level	Released			
	 www.fci.com		e 24 S + 6 P + RIGHT ANGLE SOLDER HEADER		dwg no 51731-079	rev A			
	cat. no.		Product - Customer Drw		sheet 4 of 4				