

PRODUCT NO.	ROWS	POWER		SIG	POWER		E2
		E1	P1	P2	1 2 3	P3	P4
51730-199-- NOTE 3	D C B A		PA	PA	PA	PA	PA

A

A

B

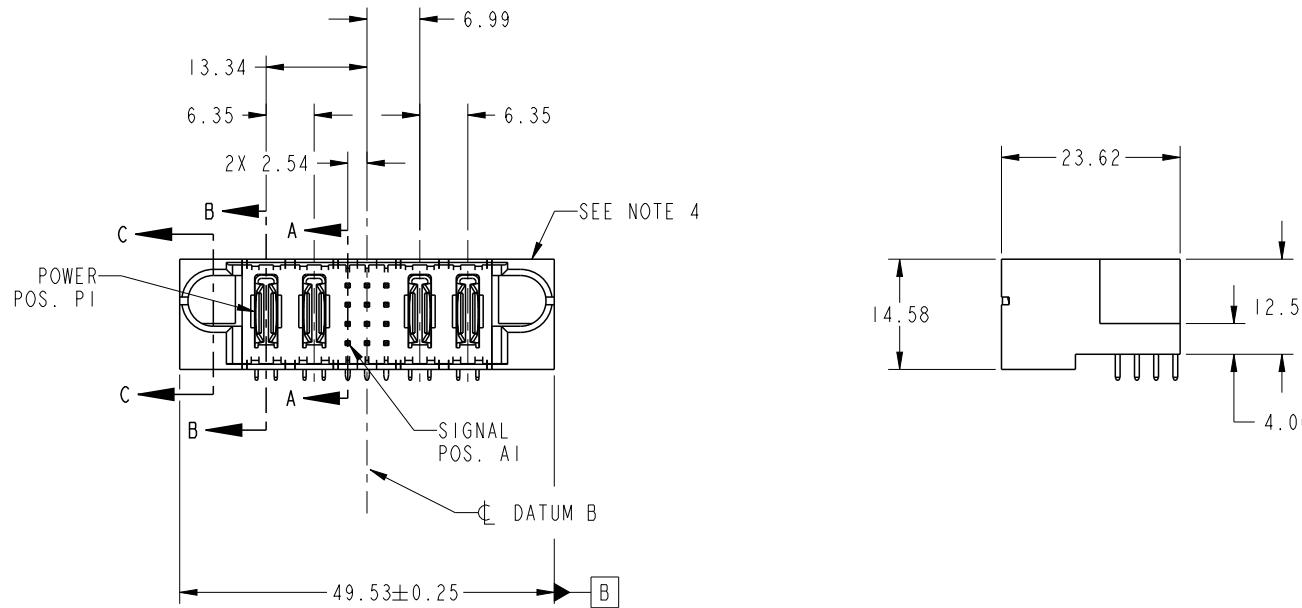
B

C

C

D

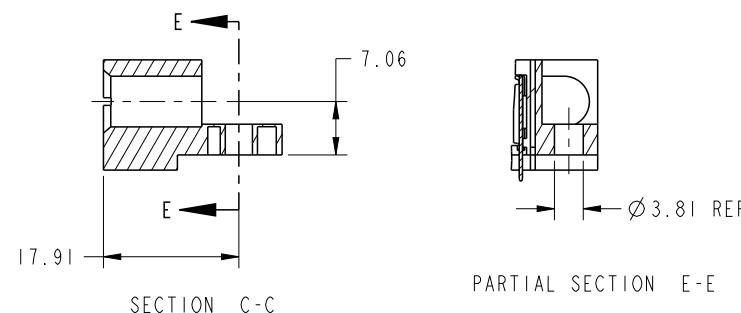
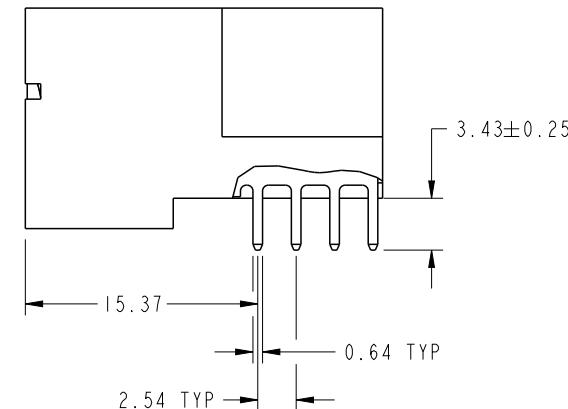
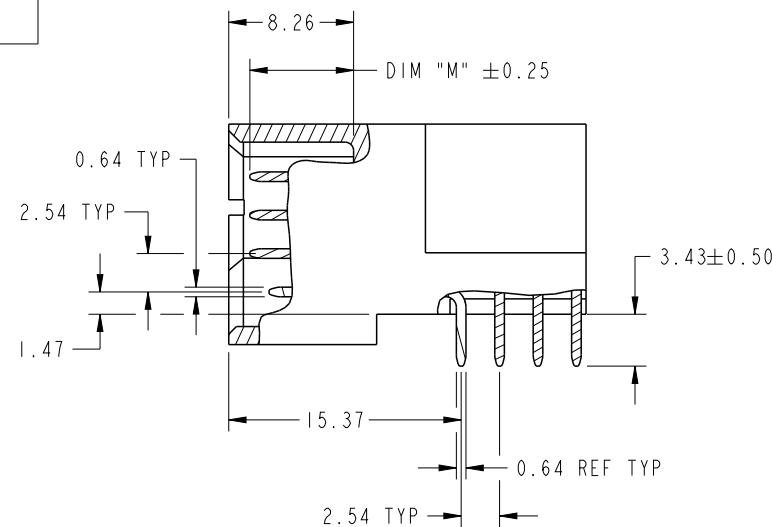
D



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[5.59]	SIGNAL
R	[6.86]	SIGNAL
S	[6.86]	SIGNAL
T	[6.86]	SIGNAL
U	[6.86]	SIGNAL
PA	[N/A]	POWER

spec ref		dr	X Q Wang		2011/12/21	projection	MM	size	scale
tolerance std	SEE NOTE	eng	X Q Wang		2012/01/13				
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-		-				
		appr	Pei-Ming Zheng		2012/01/13	product family	PwrBlade	ecn no	-
surface	✓	linear	0.X	±0.5	2P + 12S + 2P RIGHT ANGLE SOLDER HEADER		dwg no	51730-199	
		angular	0.XX	±0.25					
			0.XXX	±0.1					
			0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw	sheet 1 of 4

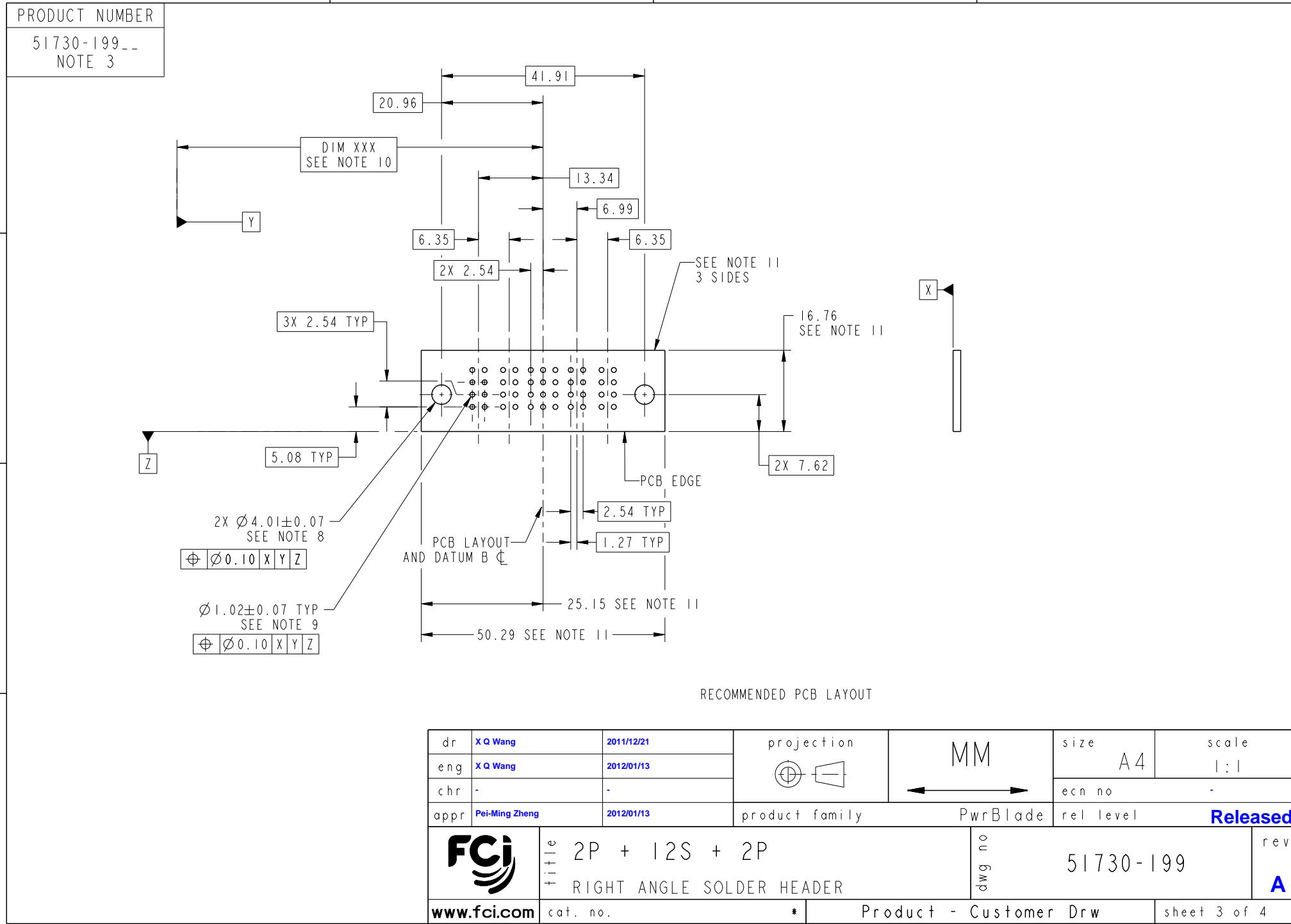
PRODUCT NUMBER  
51730-199-  
NOTE 3



dr	X Q Wang	2011/12/21	projection	MM	size	A4	scale
eng	X Q Wang	2012/01/13					
chr	-	-			ecn no		
appr	Pei-Ming Zheng	2012/01/13	product family	PwrBlade	rel level	Released	
<b>FCI</b>		2P + 12S + 2P RIGHT ANGLE SOLDER HEADER				dwg no	51730-199
<a href="http://www.fci.com">www.fci.com</a>		cat. no.		*	Product - Customer Drw		rev A



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## PRODUCT NUMBER

51730-199  
NOTE 3

A

A

## 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 51730-199 AND 51730-199LF RESPECTIVELY.

B

B

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.  $\varnothing 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE  $\varnothing 1.02 \pm 0.07$  HOLE.
10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
11. CONNECTOR KEEP-OUT ZONE.

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dr	X Q Wang	2011/12/21	projection	MM	size	A4	scale
eng	X Q Wang	2012/01/13					
chr	-	-					
appr	Pei-Ming Zheng	2012/01/13	product family	PwrBlade	rel level	Released	
<b>FCI</b>		2P + 12S + 2P RIGHT ANGLE SOLDER HEADER			dwg no	51730-199	
<a href="http://www.fci.com">www.fci.com</a>		cat. no.		*	Product - Customer Drw		sheet 4 of 4