












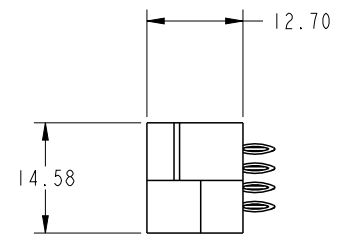
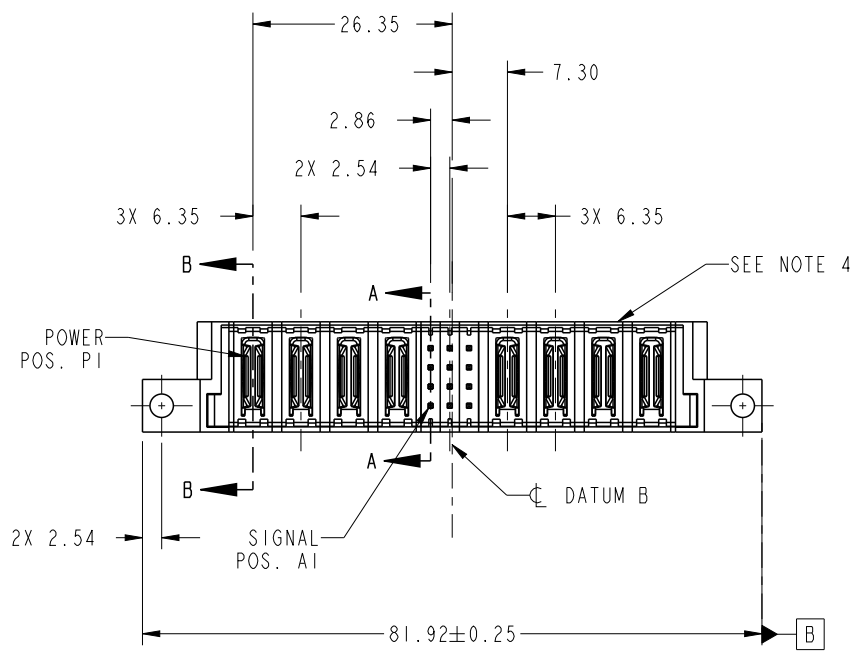




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PRODUCT NO.	ROWS	POWER				SIGNAL			POWER					
		E1	P1	P2	P3	P4	1	2	3	P5	P6	P7	P8	E2
51963-072-- NOTE ③	D C B A													

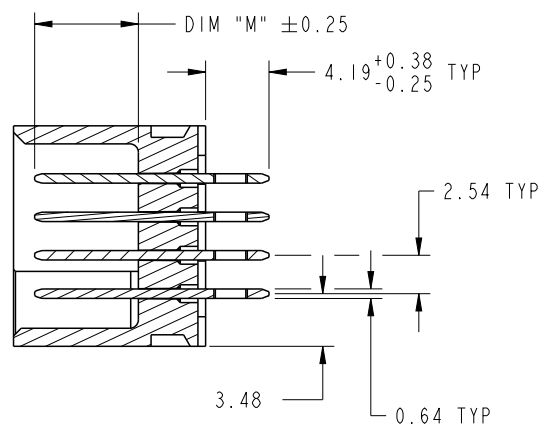


spec ref		SEE NOTE		dr		X Q Wang		2011/05/19		projection		MM		size		A4		scale		1:1									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		X Q Wang		2011/05/30						ecn no		-		rel level		Released									
SEE NOTE				chr		-		-																					
				appr		Pei-Ming Zheng		2011/05/31						product family		PwrBlade													
surface				linear		0.X		±0.5				title		4P + 12S + 4P		dwg no		51963-072		rev		A							
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 4													

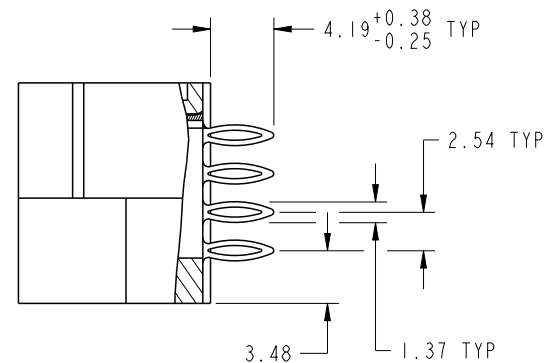
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PRODUCT NUMBER

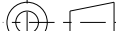



51963-072--
NOTE 3



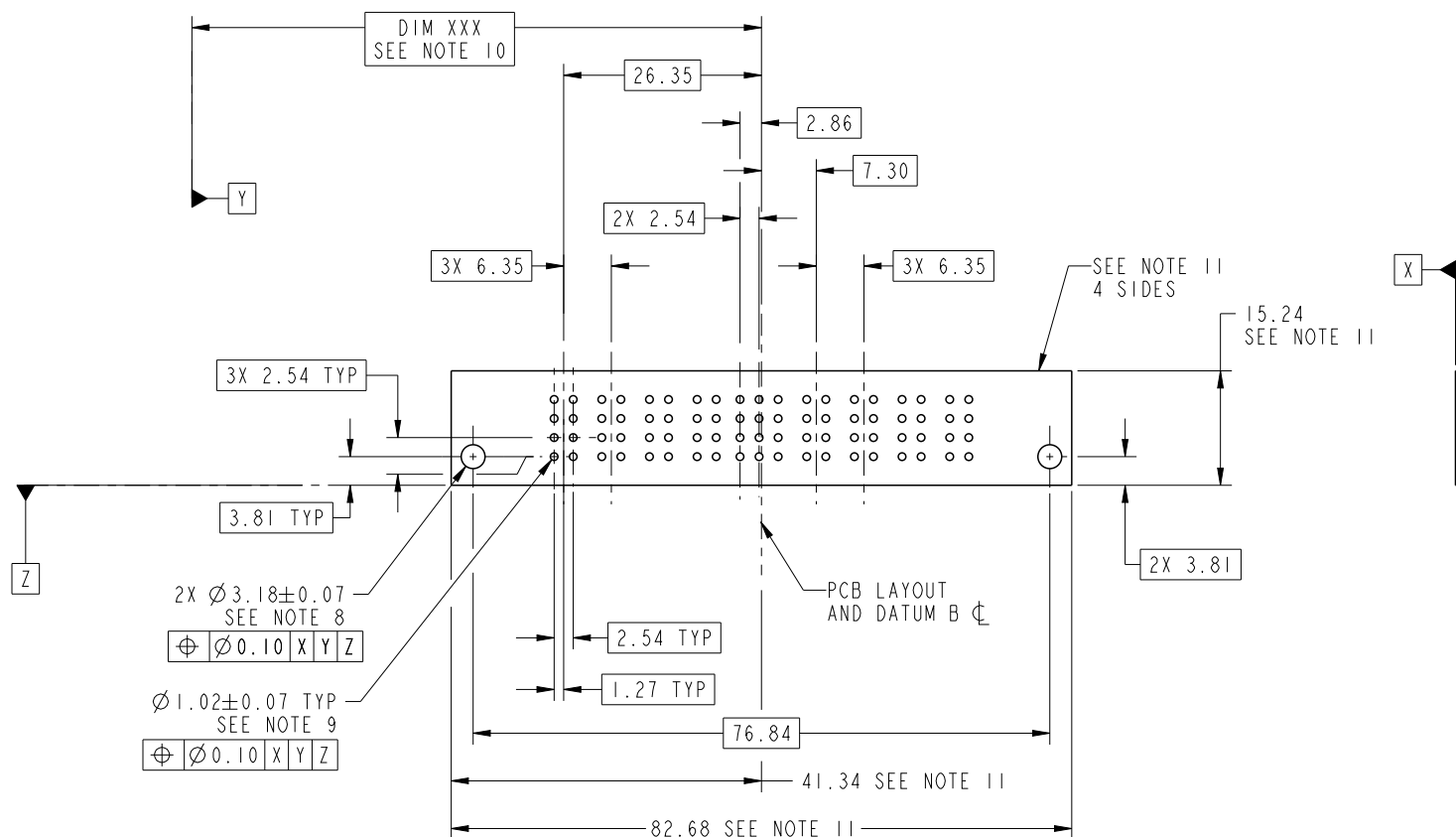
SECTION A-A
SCALE 2:1



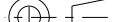


SECTION B-B
SCALE 2:1

spec ref	SEE NOTE			dr	X Q Wang	2011/05/19	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
tolerance std SEE NOTE	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	X Q Wang	2011/05/30			ecn no	-			
				chr	-	-							
				appr	Pei-Ming Zheng	2011/05/31	product family		PwrBlade	rel level		Released	
surface 	linear	0.X	±0.5		title 4P + 12S + 4P VERTICAL PRESS FIT HEADER				dwg no	51963-072		rev	A
		0.XX	±0.25										
		0.XXX	±0.1										
		angular	0°	±2°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 2 of 4	

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RECOMMENDED PCB LAYOUT

spec ref	SEE NOTE			dr	X Q Wang	2011/05/19	projection 	MM 	size	A4	scale	1:1	
tolerance std SEE NOTE	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	X Q Wang	2011/05/30			ecn no	-			
				chr	-	-			rel level	Released			
				appr	Pei-Ming Zheng	2011/05/31	product family		PwrBlade				
surface ✓	linear	0.X	±0.5		title	4P + 12S + 4P VERTICAL PRESS FIT HEADER			dwg no	51963-072		rev	A
		0.XX	±0.25										
		0.XXX	±0.1										
		angular	0°	±2°	www.fci.com	cat. no.	-		Product - Customer Drw			sheet 3 of 4	



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PRODUCT NUMBER

51963-072--
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 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51963-072 AND 51963-072LF 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

Ø1.151±0.025 DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER .001 [0.03]
TO 0.08 Cu PLATING TO ACHIEVE
Ø1.02±0.07 HOLE.

10

"DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11

CONNECTOR KEEP-OUT ZONE.

12. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-XXX.

spec ref	SEE NOTE			dr	X Q Wang	2011/05/19	projection 	MM 	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	X Q Wang	2011/05/30			ecn no	-		
SEE NOTE				chr	-	-						
				appr	Pei-Ming Zheng	2011/05/31	product family		PwrBlade		rel level	Released
surface	linear	0.X	±0.5		title	4P + 12S + 4P VERTICAL PRESS FIT HEADER		dwg no	51963-072		rev	A
		0.XX	±0.25									
		0.XXX	±0.1									
angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 4 of 4			

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