

1

2

3

4

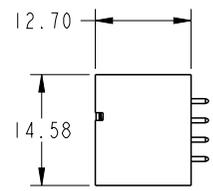
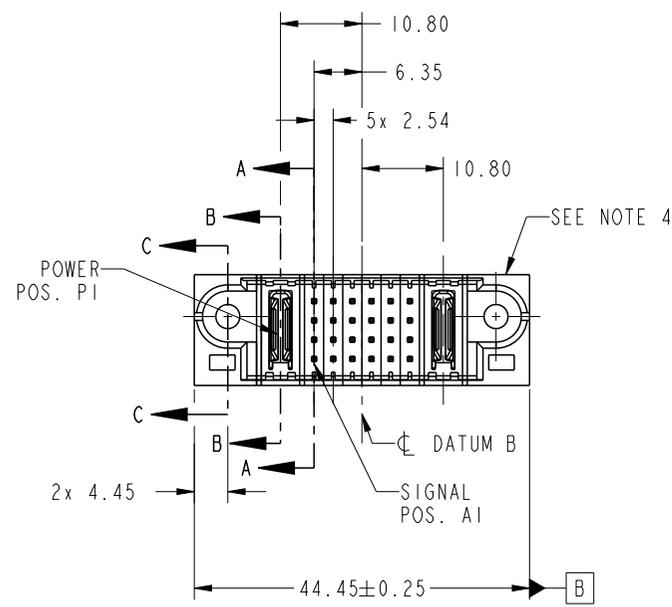
PRODUCT NO. 51710-059P NOTE ③	ROWS DCBA	POWER		SIGNAL						POWER	
		E1	P1	1	2	3	4	5	6	P2	E2

A

A

B

B



C

C

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PD	[N/A]	POWER
M	[6.86]	SIGNAL
N	[5.59]	SIGNAL

Copyright FCI.

spec ref	See Notes			dr	Ruan MT	2013/06/13	projection 	MM ←→	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ruan MT	2015/06/17			ecn no	ELX-DG-21183-1		
See Notes				chr	Fancy Zhang	2015/06/18			product family	PwrBlade		rel level
surface	linear	0.X	±0.50	FCI www.fci.com	title	IP + 24S + IP VERTICAL SOLDER HEADER		dwg no	51710-059P		rev	B
		0.XX	±0.25									
		0.XXX	±0.10									
	angular	0°	±2°	cat. no.	&model_name	Product - Customer Drw			sheet 1 of 4			

D

D

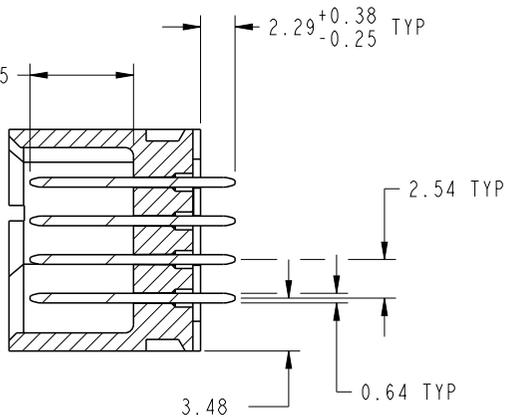
2

3

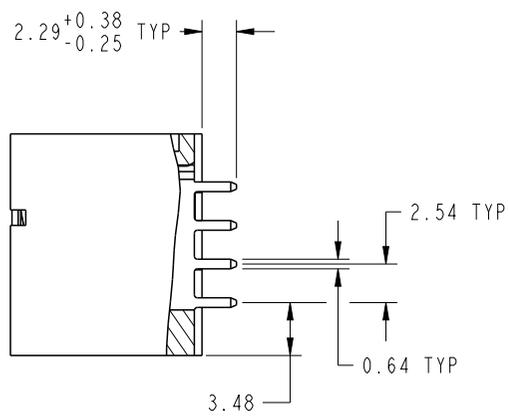
4

PRODUCT NUMBER
51710-059P--
NOTE 3

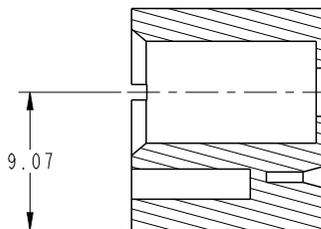
DIM "M" ±0.25



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

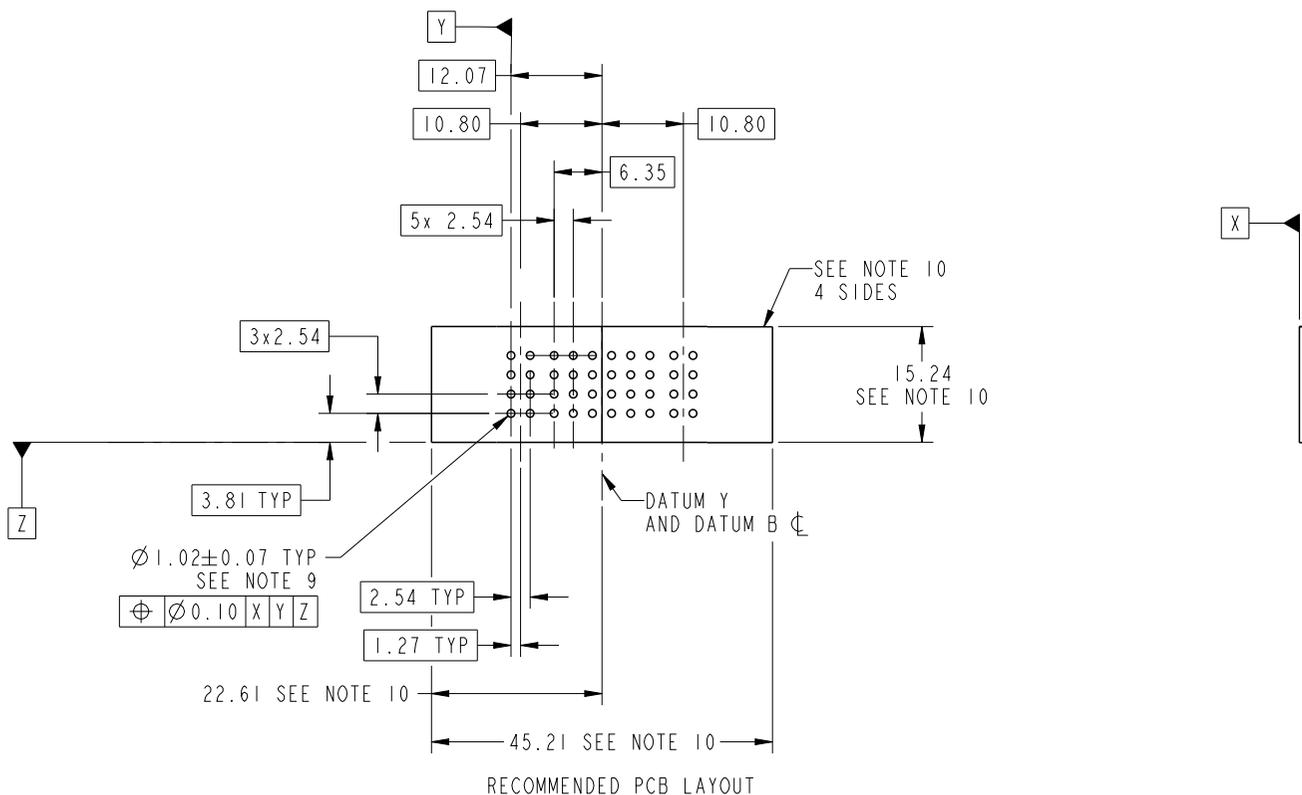
dr	Ruan MT	2013/06/13	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2015/06/17			ecn no	ELX-DG-21183-1		
chr	Fancy Zhang	2015/06/18			product family	PwrBlade	rel level	Released
appr	Pei-Ming Zheng	2015/06/18			rev	51710-059P		B
www.fci.com		cat. no.	&model_name	Product - Customer Drw		sheet 2 of 4		



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PRODUCT NUMBER

51710-059P--
NOTE 3



dr	Ruan MT	2013/06/13	projection 	MM 	size	A4	scale	1:1			
eng	Ruan MT	2015/06/17			ecn no	ELX-DG-21183-1					
chr	Fancy Zhang	2015/06/18			rel level	Released					
appr	Pei-Ming Zheng	2015/06/18	product family	PwrBlade							
		title			IP + 24S + IP		dwg no		51710-059P	rev	B
www.fci.com		cat. no.	&model_name	Product - Customer Drw			sheet 3 of 4				

PRODUCT NUMBER

51710-059P--
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 WHICH CAN WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RAD OR VAPOR PHASE REFLOW OVEN.
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51710-059P AND 51710-059PLF RESPECTIVELY EXCEPT SOLDERING INFORMATION, SOLDERING INFORMATION REFER TO ABOVE NOTE 2.

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 EXCEPT SOLDERING INFORMATION, SOLDERING INFORMATION REFER TO ABOVE NOTE 2.

6. PACKAGED IN TRAYS.

PCB NOTES:

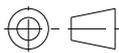
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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 .001 [0.03] TO 0.08 Cu PLATING TO ACHIEVE $\varnothing 1.02 \pm 0.07$ HOLE.

⑩ CONNECTOR KEEP-OUT ZONE.

11.  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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appr	Pei-Ming Zheng	2015/06/18						
		title IP + 24S + IP VERTICAL SOLDER HEADER			dwg no 51710-059P		rev B	
www.fci.com		cat. no.	&model_name	Product - Customer Drw			sheet 4 of 4	