

1

2

3

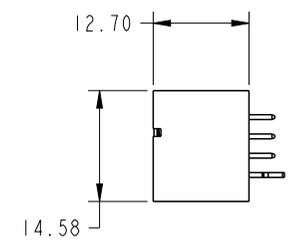
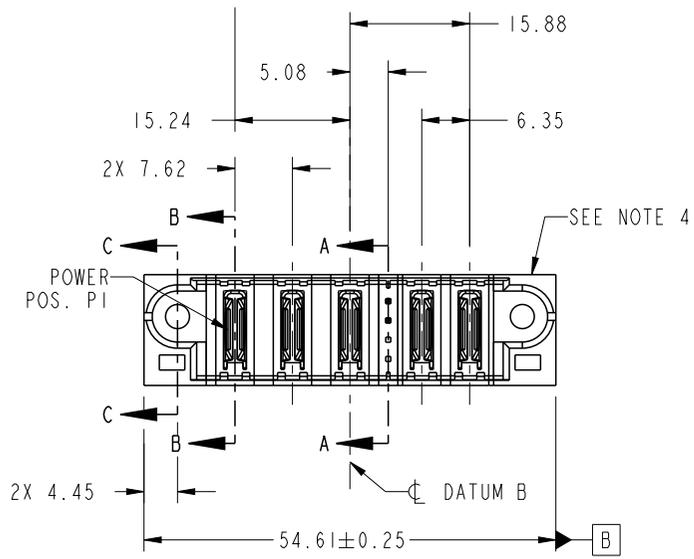
4

PRODUCT NO.	ROWS	POWER			S	POWER			
		E1	P1	P2	P3	1	P4	P5	E2
51952-199-- NOTE ③	DCBA		PA	PA	PA		PA	PA	

A

B

C



A

B

C

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[N/A]	POWER
E	[6.86]	SIGNAL
HA	[N/A]	HOLD-DOWN
X	OMITTED	OMITTED



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D

spec ref	See Notes			dr	X Q Wang	2011/10/21	projection 	MM ←→	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guang, Shi	2012/02/23			ecn no	-		
See Notes				chr	-	-			rel level	Released		
surface ✓	linear	0.X	±0.50	FCI www.fci.com	title	3ACP + 4S + 2P		dwg no	51952-199		rev	A
		0.XX	±0.25			VERTICAL STB HEADER						
	angular	0°	±2°			cat. no.	Product - Customer Drw					sheet 1 of 4

PrdE File - REV C - 2009-06-09

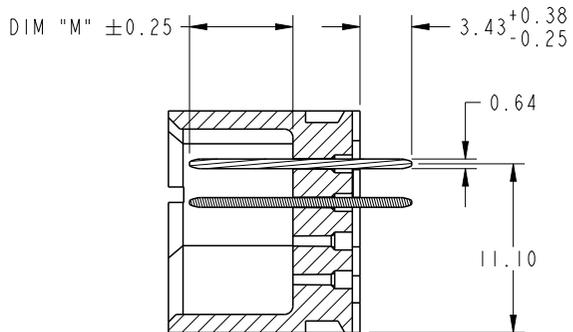
2

3

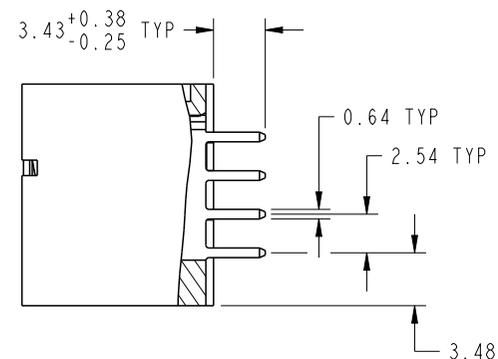
4

PRODUCT NUMBER

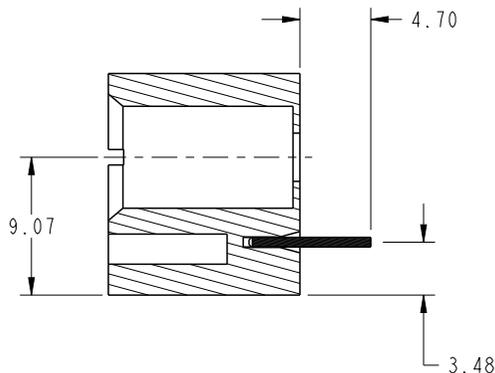
51952-199__
NOTE 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1

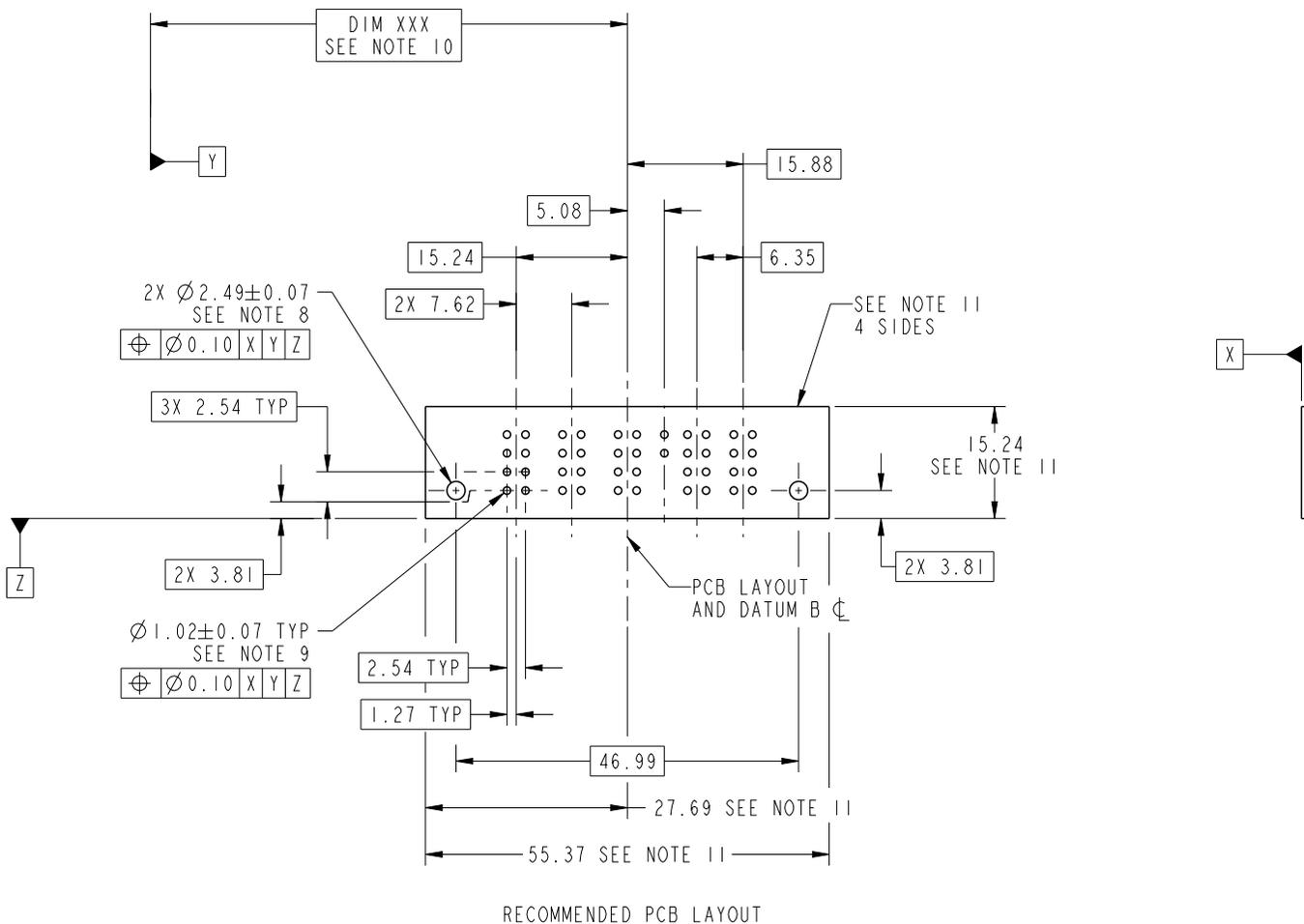


SECTION C-C
SCALE 2:1

spec ref		See Notes		dr	X Q Wang	2011/10/21	projection 	MM 	size	A4	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Guang, Shi	2012/02/23			ecn no	-		
See Notes				chr	-	-						
surface		linear	0.X ±0.50 0.XX ±0.25 0.XXX ±0.10	appr	Pei-Ming Zheng	2012/02/23	product family		PwrBlade	rel level	Released	
		angular	0° ±2°			www.fci.com	title		3ACP + 4S + 2P VERTICAL STB HEADER	cat. no.	Product - Customer Drw	
							dwg no		51952-199	rev		A
										sheet 2 of 4		

PRODUCT NUMBER

51952-199__
NOTE 3



RECOMMENDED PCB LAYOUT

spec ref	See Notes			dr	X Q Wang	2011/10/21	projection 	MM 	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guang, Shi	2012/02/23			ecn no	-		
See Notes				chr	-	-			rel level	Released		
surface	linear	0.X	±0.50	FCj www.fci.com	part no			3ACP + 4S + 2P VERTICAL STB HEADER	dwg no	51952-199	rev	A
		0.XX	±0.25		cat. no.	Product - Customer Drw						
	angular	0°	±2°		Product - Customer Drw		sheet 3 of 4					

PRODUCT NUMBER

51952-199_
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 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51952-199 AND 51952-199LF 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 $\varnothing 1.151 \pm 0.025$ 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 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

- ⑪ CONNECTOR KEEP-OUT ZONE.

spec ref	See Notes			dr	X Q Wang	2011/10/21	projection 	MM 	size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guang, Shi	2012/02/23			ecn no	-			
See Notes				chr	-	-			product family	PwrBlade		rel level	Released
surface	linear	0.X	± 0.50	FCj 	title	3ACP + 4S + 2P VERTICAL STB HEADER		dwg no	51952-199		rev	A	
✓		0.XX	± 0.25										
		0.XXX	± 0.10										
angular	0°	$\pm 2°$	www.fci.com	cat. no.	Product - Customer Drw			sheet 4 of 4					



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