

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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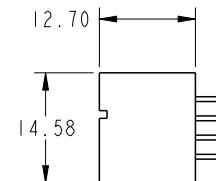
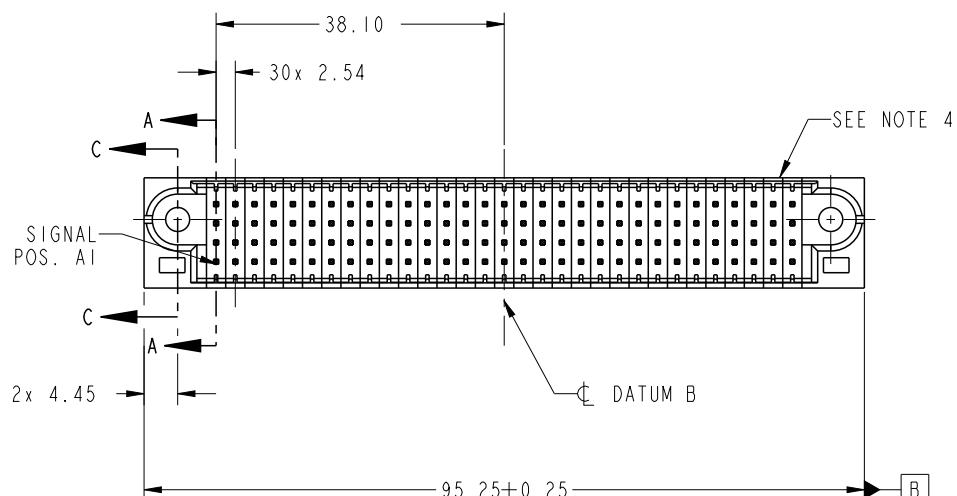
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

PRODUCT NO.	ROWS	SIGNAL																														E2			
		E1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
51952-236	D C B A		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	F	F	F	F

FCI

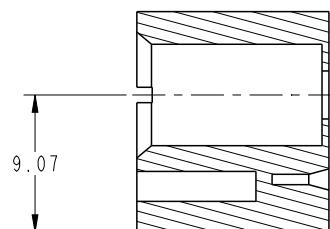
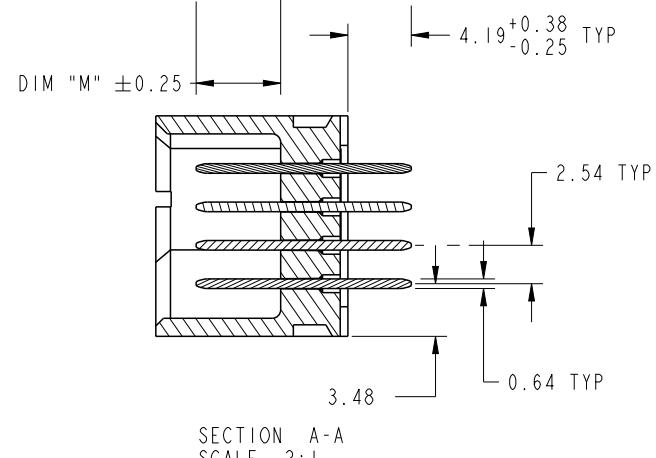
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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
J	[5.59]	SIGNAL
F	[6.86]	SIGNAL

spec ref	See Notes		dr	Sky Chen	2012/12/10	projection	MM	size	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sky Chen	2012/12/20			A4	1:1
See Notes			chr	-	-			ecn no	-
surface			appr	Pei-Ming Zheng	2012/12/20	product family	PwrBlade	rel level	Released
✓	linear	0.X	±0.50		124S			dwg no	51952-236
		0.XX	±0.25		+	VERTICAL STB HEADER		dwg	
		0.XXX	±0.10		+			rev	A
	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 4		

PRODUCT NUMBER  
51952-236  
NOTE 3



dr	Sky Chen	2012/12/10	projection	MM	size	A4	scale
eng	Sky Chen	2012/12/20					
chr	-	-			ecn no	-	
appr	Pei-Ming Zheng	2012/12/20	product family	PwrBlade	rel level	Released	
<b>FCI</b>		124S			dwg no	51952-236	
<a href="http://www.fci.com">www.fci.com</a>		cat. no.			rev	A	
Product - Customer Drw				sheet 2 of 4			

PRODUCT NUMBER
51952-236
NOTE 3

A

A

B

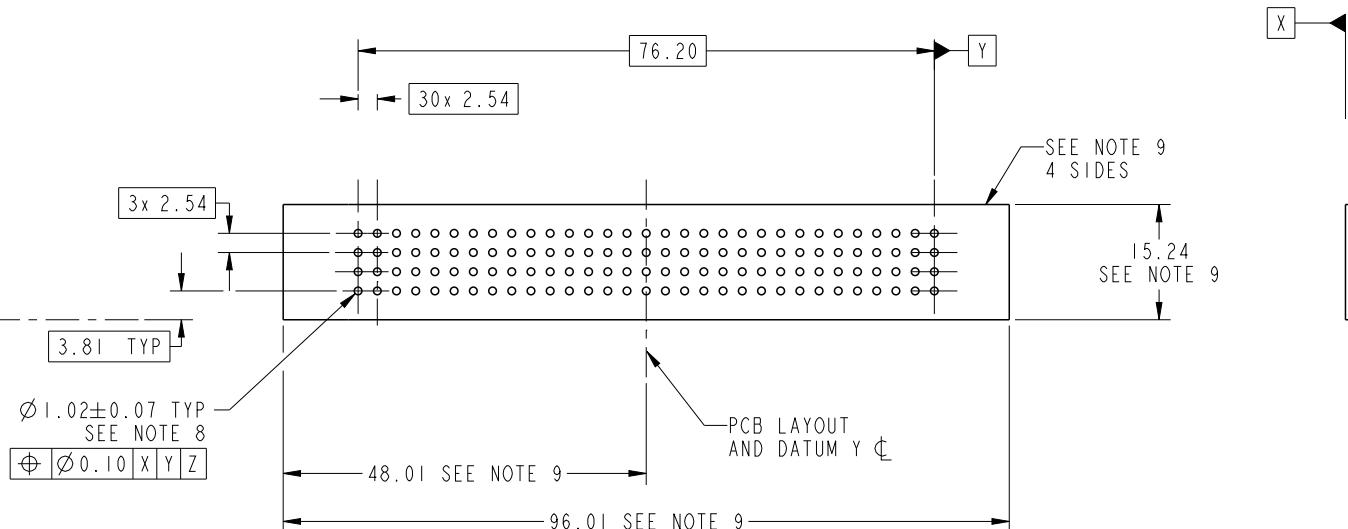
B

C

C

D

D



## RECOMMENDED PCB LAYOUT

dr	Sky Chen	2012/12/10	projection	MM	size	A4	scale	
eng	Sky Chen	2012/12/20						
chr	-	-						
appr	Pei-Ming Zheng	2012/12/20	product family	PwrBlade	rel level	Released		
		124S	dwg no 51952-236					
www.fci.com		cat. no.	Product - Customer Drw					
sheet 3 of 4								

## PRODUCT NUMBER

51952-236  
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

SIGNAL PIN MATERIAL: COPPER ALLOY

3. SEE ITEM 1 &amp; 2 IN PRINT 10064183 FOR PLATING SPEC OF 51952-236 AND 51952-236LF RESPECTIVELY.

(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.

6. PACKAGED IN TRAYS.

## PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

8.  $\phi 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH  
0.008 MIN SnPb OR Sn OVER .001 [0.03]  
TO 0.08 Cu PLATING TO ACHIEVE  
 $\phi 1.02 \pm 0.07$  HOLE.

9. CONNECTOR KEEP-OUT ZONE.

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dr	Sky Chen	2012/12/10	projection 	MM	size A4	scale 1:1
eng	Sky Chen	2012/12/20				
chr	-	-				
appr	Pei-Ming Zheng	2012/12/20				
			product family	PwrBlade	rel level	Released
		124S			51952-236	rev A
+ VERTICAL STB HEADER			dwg no			
www.fci.com		cat. no.	Product - Customer Drw		sheet 4 of 4	