



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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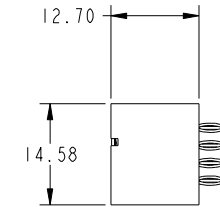
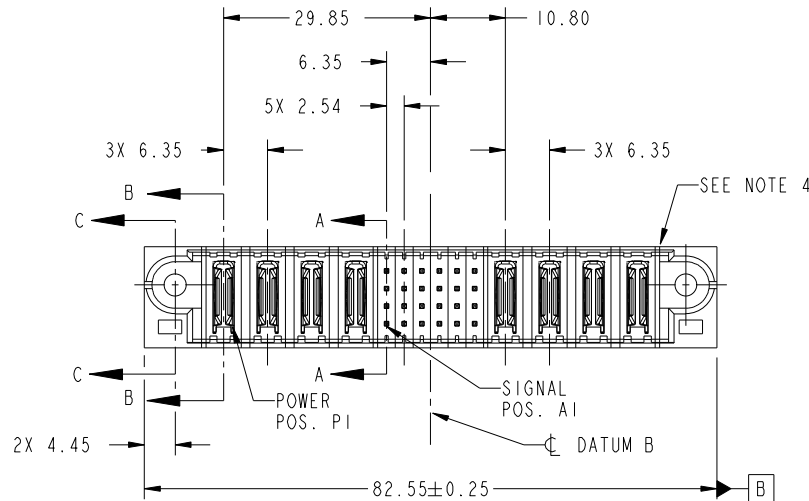


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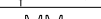


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														1														2																												3														4													
PRODUCT NO.	ROWS					POWER				SIGNAL						POWER																																																																			
		E1	P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	P7	P8	E2																																																																		
51710-042-- NOTE ③	D C B A		PC	PC	PC	PC	K	K	K	K	K	K	PC	PC	PC	PC																																																																			



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

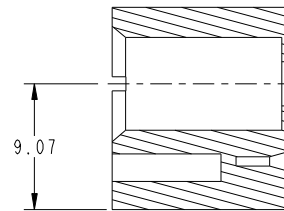
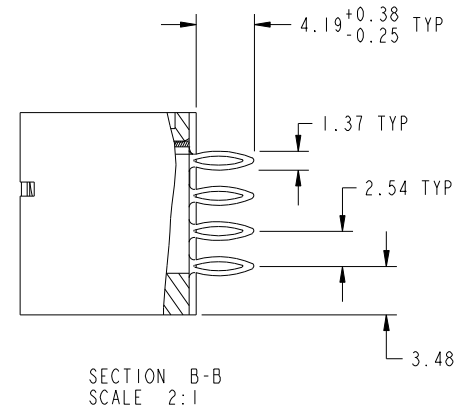
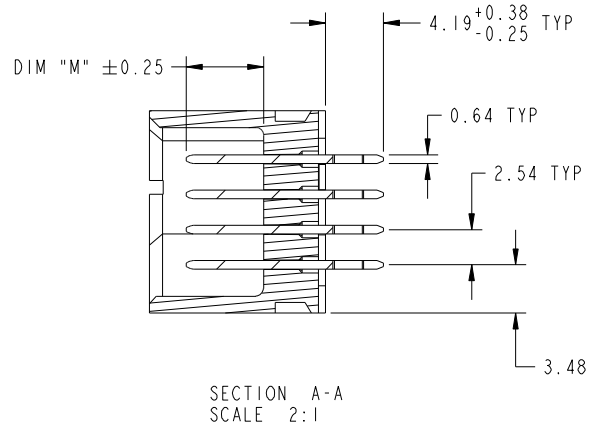
mat'l code				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.5				projection 	title 4 P + 24 S + 4 P VERTICAL PF HEADER	
A	DG10-0397	XQ	11/16/10		0.XX ±0.25						
					0.XXX ±0.1						
				angles	0° ±2°				 scale 1:1	product family PwrBlade code size dwg no 213 A 51710-042 sheet 1 of 4	
				dr	XQ Wang 11/16/10						
				enrg	Jerome Chen 11/16/10						
				chr	PM ZHENG 11/16/10						
				appd	JOSEPH HSIA 11/16/10						
sheet index	revision sheet	A 1	A 2	A 3	A 4						

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PRODUCT NUMBER
51710-042--
NOTE 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A				linear	0.XX ±0.25	projection		title 4 P + 24 S + 4 P VERTICAL PF HEADER	
				angles	0.XXX ±0.1			product family PwrBlade code 213	
				dr	0° ±2°			size dwg no 51710-042 sheet 2 of 4	
				engr	XQ Wang 11/16/10	MIM		cage code 22526	
				chr	Jerome Chen 11/16/10	scale 1:1			
				appd	PM ZHENG 11/16/10				
					JOSEPH HSIA 11/16/10				
sheet index	revision sheet								

Pro/E

PDM: Rev:A

STATUS: Released

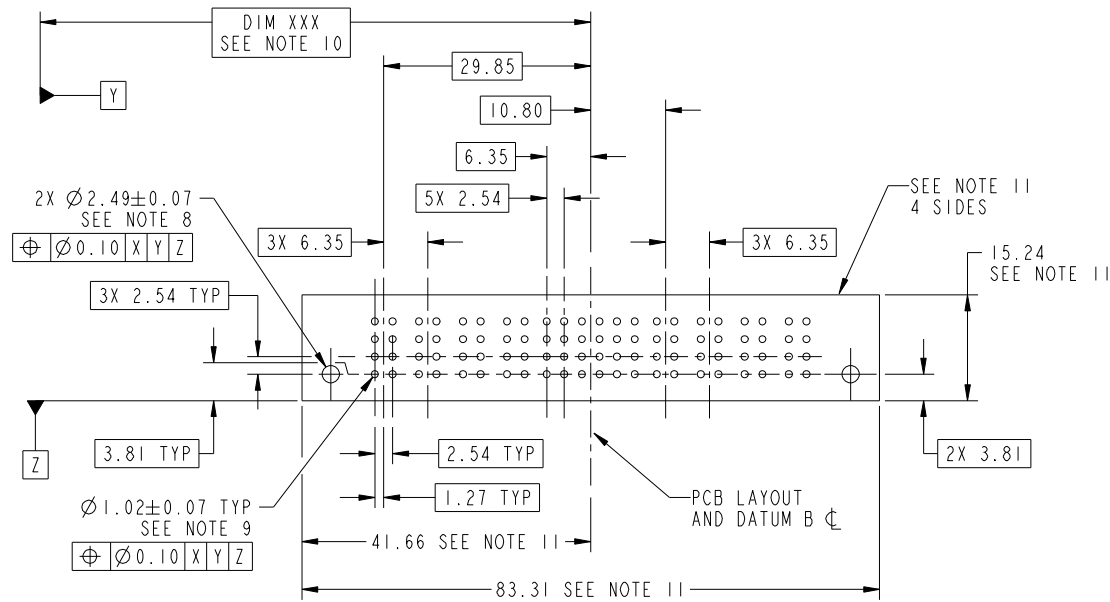
Printed: Dec 20, 2010

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PRODUCT NUMBER
51710-042--
NOTE 3



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A				linear	0.XX ±0.25	projection		title 4 P + 24 S + 4 P VERTICAL PF HEADER	
				angles	0.XXX ±0.1			product family PwrBlade code 213	
				dr	0° ±2°			size dwg no 51710-042 sheet 3 of 4	
				enrg	XQ Wang 11/16/10	MIM			
				chr	Jerome Chen 11/16/10	scale			
				appd	PM ZHENG 11/16/10	1:1			
					JOSEPH HSIA 11/16/10				
sheet index	revision sheet							cage code 22526	

Pro/E

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PRODUCT NUMBER
51710-042-- 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 51710-042 AND 51710-042LF 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.
12. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-XXX.

mat'l code				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com								
litr	ecn no.	dr	date	linear	0.X ± 0.5				COPY				title 4 P + 24 S + 4 P VERTICAL PF HEADER											
A					0.XX ± 0.25				projection															
				angles	0.XXX ± 0.1																			
					0° ± 2°																			
				dr	XQ Wang		11/16/10						product family				PwrBlade				code			
				engr	Jerome Chen		11/16/10						size				dwg no				213			
				chr	PM ZHENG		11/16/10		scale				A				51710-042				sheet 4 of 4			
				appd	JOSEPH HSIA		11/16/10																	
sheet index		revision sheet																						

cage code 22526