

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!



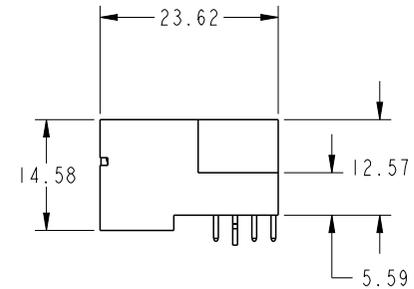
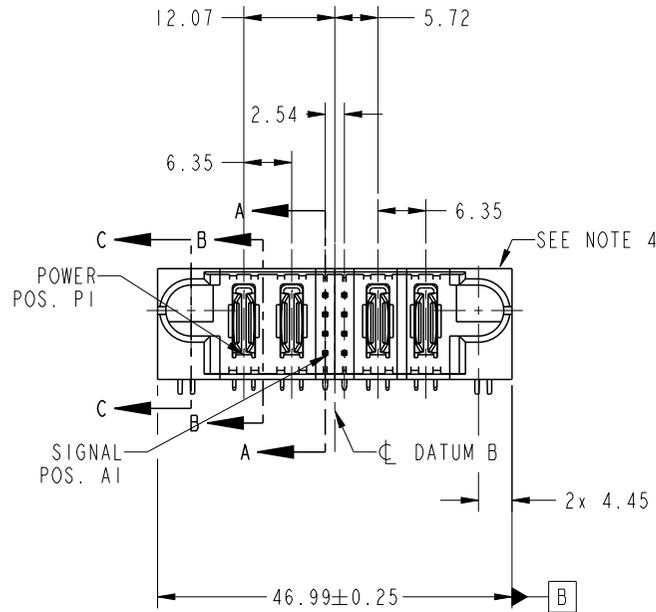
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

PRODUCT NO.	ROWS	POWER		GN		POWER		E2	
		E1	P1	P2	1	2	P3		P4
51730-213-- NOTE 3	DCB A		PA	PA	UH GG FF EE	UH GG FF EE	PA	PA	

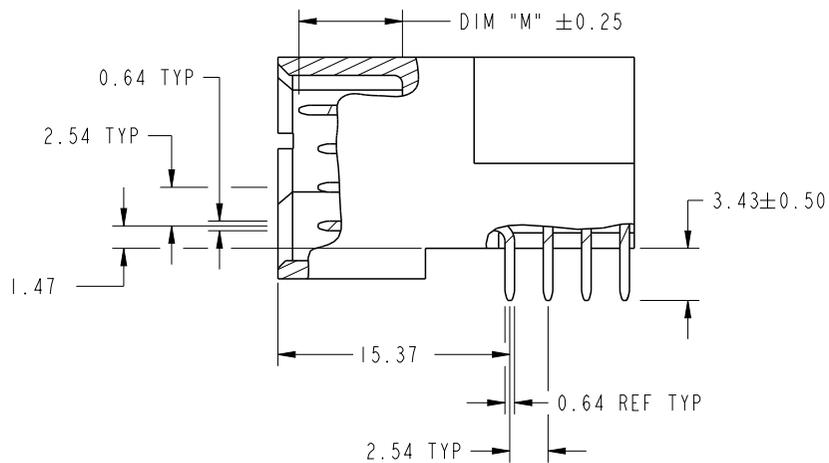


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
G	[5.59]	SIGNAL
F	[5.59]	SIGNAL
E	[5.59]	SIGNAL
U	[6.86]	SIGNAL
H	[5.59]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

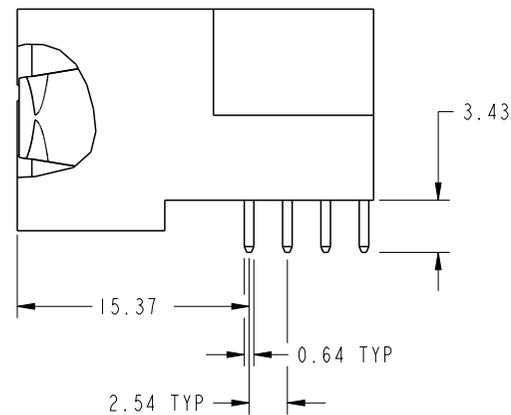
spec ref	*	dr	Ruan MT	2013/10/31	projection	MM	size	A4	scale	1:1
tolerance std	ASME Y14.5	eng	Ruan MT	2013/11/08		← →	ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-						
surface	✓	appr	Pei-Ming Zheng	2013/11/08	product family	PwrBlade				
ASME Y14.5	linear	0.X	±0.5		title	2P + 8S + 2P	dwg no	51730-213	rev	A
		0.XX	±0.25		RIGHT ANGLE SOLDER HEADER					
		0.XXX	±0.1							
	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 4		

PRODUCT NUMBER

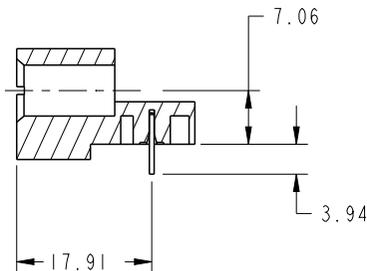
51730-213--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

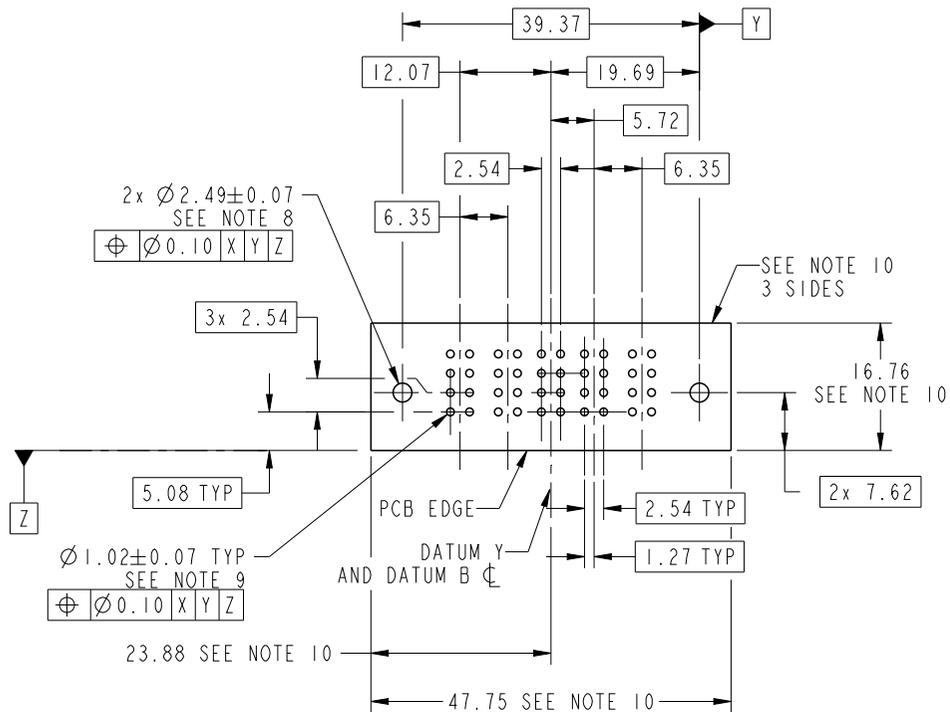


SECTION C-C

dr	Ruan MT	2013/10/31	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2013/11/08			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/11/08	product family	PwrBlade	rev	A		
		title 2P + 8S + 2P RIGHT ANGLE SOLDER HEADER	dwg no 51730-213	www.fci.com	cat. no.	Product - Customer Drw	sheet 2 of 4	

PRODUCT NUMBER

51730-213__
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/10/31	projection 	MM 	size	A4	scale	1:1	
eng	Ruan MT	2013/11/08			ecn no	-			
chr	-	-			rel level	Released			
appr	Pei-Ming Zheng	2013/11/08	product family	PwrBlade					
	title	2P + 8S + 2P RIGHT ANGLE SOLDER HEADER			dwg no	51730-213		rev	A
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 3 of 4			

PRODUCT NUMBER
51730-213--
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 51730-213 AND 51730-213LF 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. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- 9. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.
- 10. CONNECTOR KEEP-OUT ZONE.



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dr	Ruan MT	2013/10/31	projection 	MM 	size	A4	scale	1:1	
eng	Ruan MT	2013/11/08			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2013/11/08	product family	PwrBlade	rel level	Released			
	title	2P + 8S + 2P RIGHT ANGLE SOLDER HEADER			dwg no	51730-213		rev	A
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 4 of 4			