



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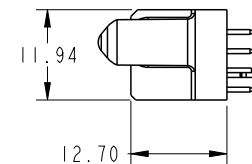
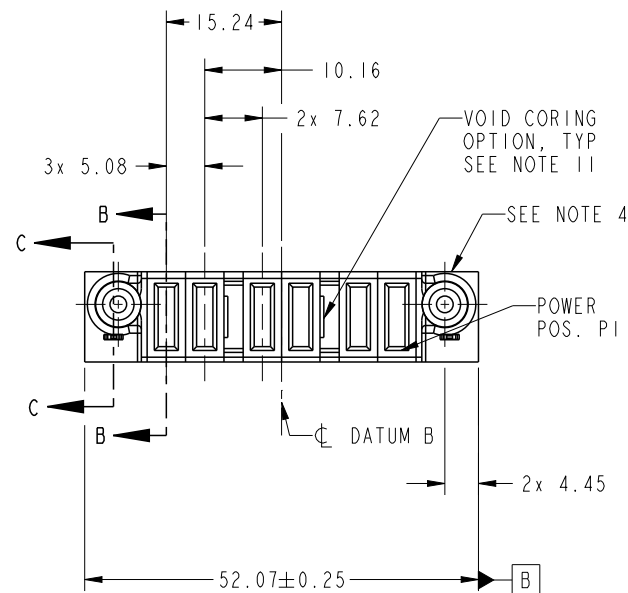
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



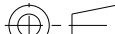





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PRODUCT NO.	ROWS	POWER				POWER			
		E2	P6	P5	P4	P3	P2	P1	E1
51940-537-- NOTE: 3	D C B A		PA	PA	PA	PA	PA	PA	



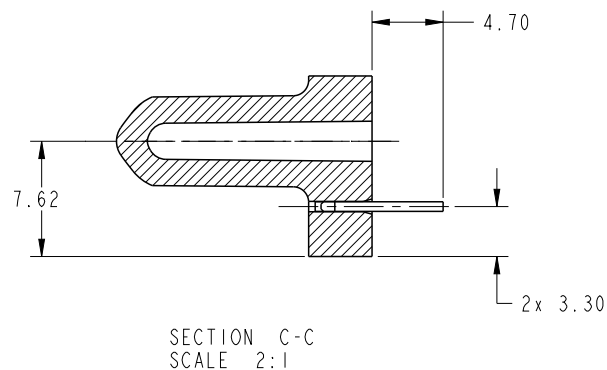
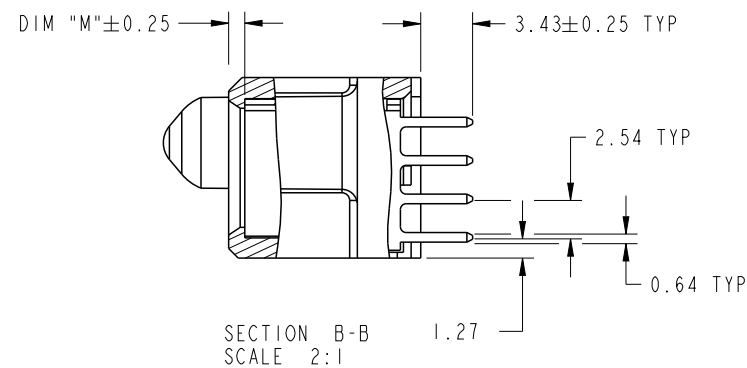
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
HA	[N/A]	HOLD-DOWN

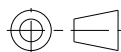


spec ref		*		dr	Ruan MT	2014/05/26	projection 		size	A4	scale	1:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu	2014/06/05			ecn no	-						
				SEE NOTE	chr	-			-	product family	PwrBlade		rel level	Released		
surface			linear	0.X	±0.5		title	6P	dwg no	51940-537		rev	A			
	0.XX		±0.25	www.fci.com	cat. no.									*	Product - Customer Drw	sheet 1 of 4
	0.XXX		±0.1													
angular			0°	±2°												

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

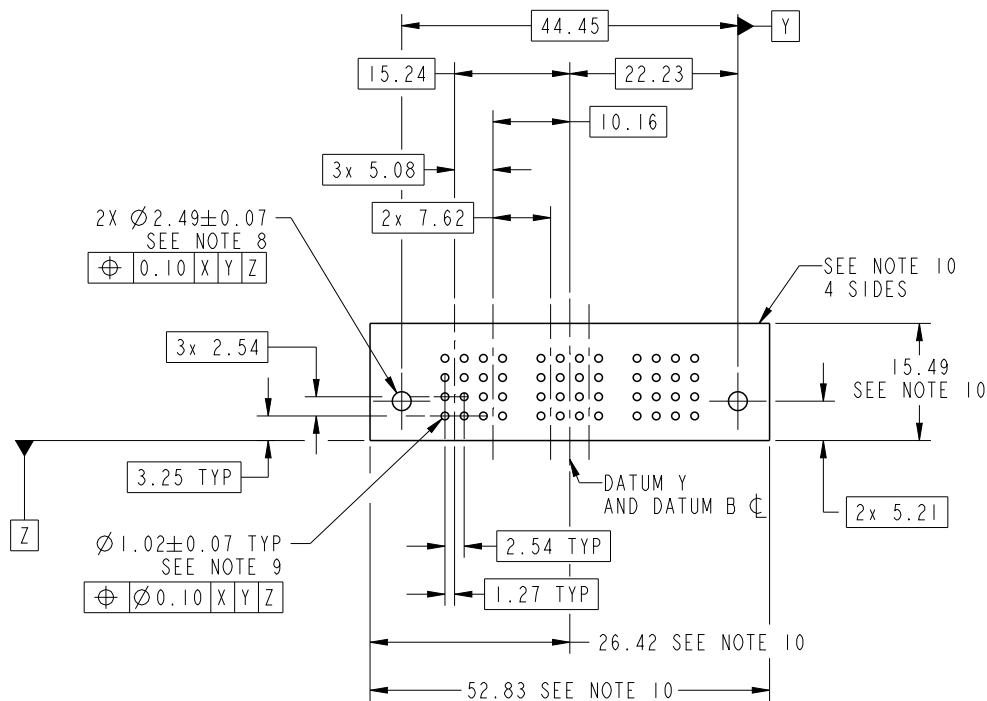
51940-537--  
NOTE: 3



dr	Ruan MT	2014/05/26	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1		
eng	De-Ming Lu	2014/06/05			ecn no	-	rel level		Released	
chr	-	-								
appr	Pei-Ming Zheng	2014/06/05	product family		PwrBlade					
<div></div>		title			6P	dwg no		51940-537	rev	
					VERTICAL SOLDER RECEPT					A
www.fci.com		cat. no.		*	Product - Customer Drw				sheet 2 of 4	

# PRODUCT NUMBER

51940-537--  
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2014/05/26	projection	MM	size	A4	scale	1:1
eng	De-Ming Lu	2014/06/05			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/06/05	product family	PwrBlade				
FCI		title	6P	dwg no	51940-537	rev	A	
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 3 of 4	



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PRODUCT NUMBER  
51940-537--  
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 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-537 AND 51940-537LF 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.

11. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE  
OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID  
CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

dr	Ruan MT	2014/05/26	<div>projection</div>	<div>MM</div>	size	A4	scale	1:1				
eng	De-Ming Lu	2014/06/05			ecn no -							
chr	-	-										
appr	Pei-Ming Zheng	2014/06/05	product family		PwrBlade		rel level		Released			
		title			6P			dwg no		51940-537	rev	A
www.fci.com		cat. no.		*	Product - Customer Drw				sheet 4 of 4			