



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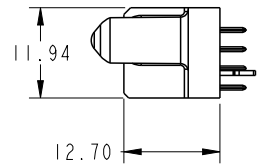
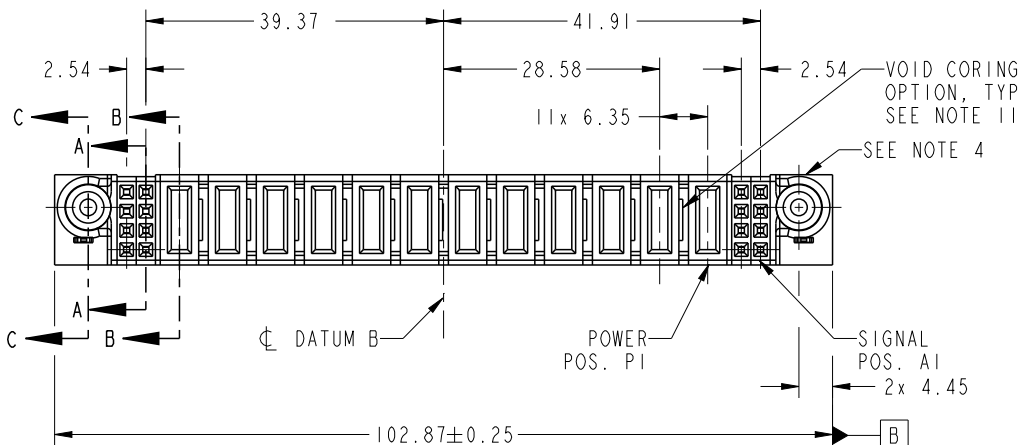
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China




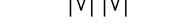




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PRODUCT NO.	ROWS	POWER																SIG	
		E2	4	3	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	2	1	E1
51940-543-- NOTE: 3	D C B A																		



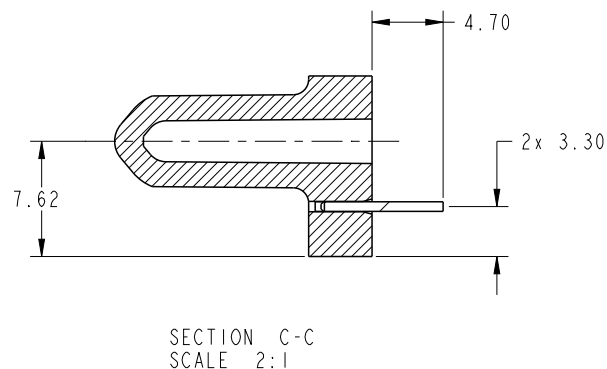
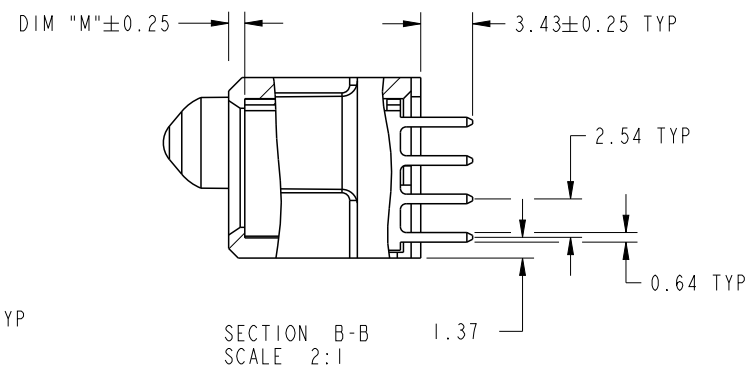
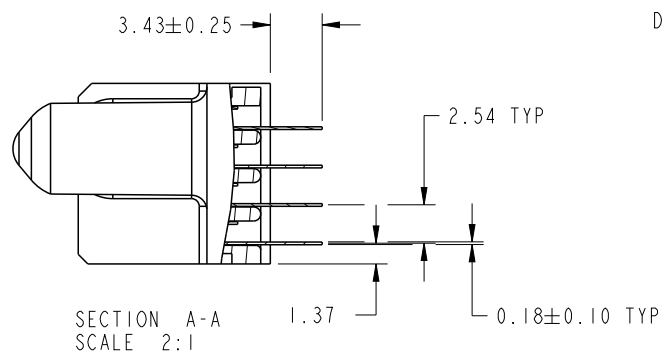
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PA	[1.07]	POWER
HA	[N/A]	HOLD-DOWN

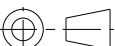


spec ref *		dr	Luo Weller	2012/12/05	projection 	MM 	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Luo Weller	2014/07/21			ecn no	-		
SEE NOTE		chr	-	-			rel level	Released		
		appr	Pei-Ming Zheng	2014/07/21	product family		PwrBlade			
surface 	linear	0.X	±0.5		title	8S+12P+8S VERTICAL SOLDER RECEPT	dwg no	51940-543	rev	A
		0.XX	±0.25							
		0.XXX	±0.1							
	angular	0°	±2°	www.fci.com	cat. no.	*	Product - Customer Drw		sheet 1 of 4	

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

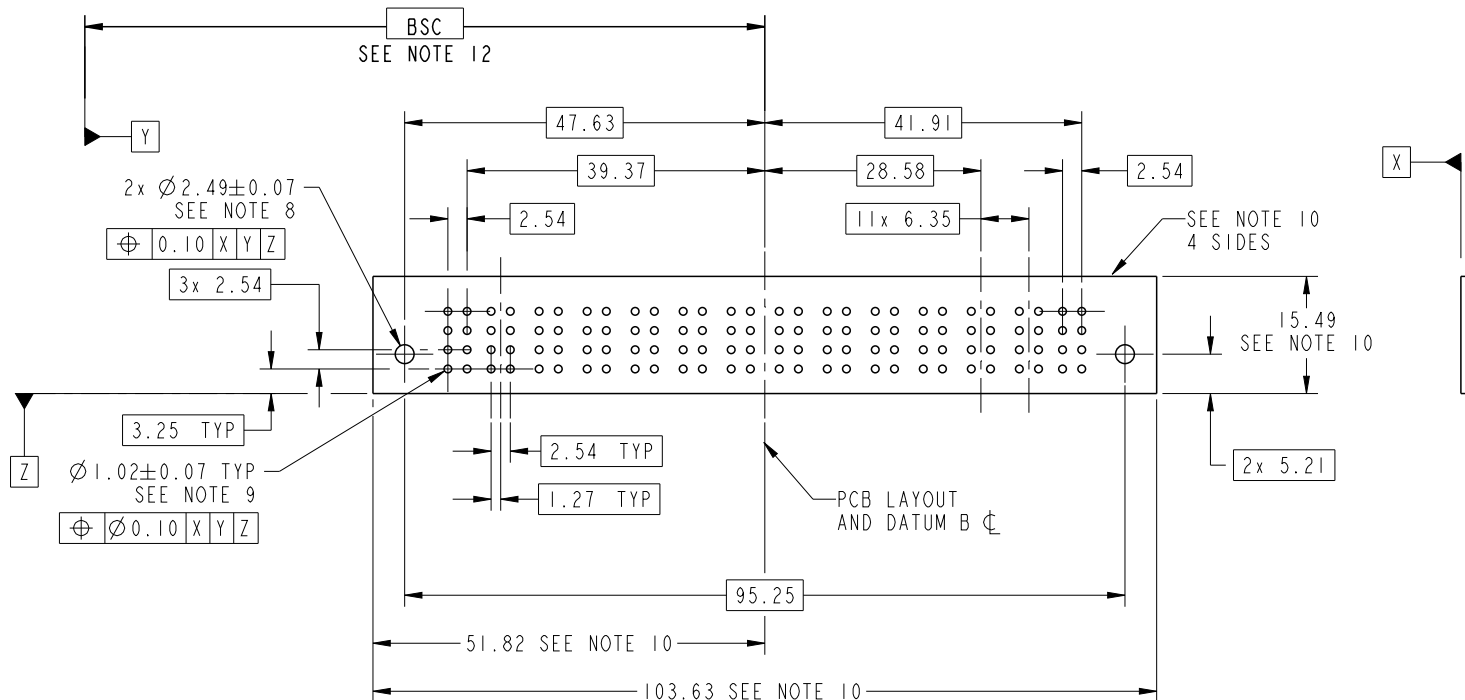
51940-543\_\_  
NOTE: 3



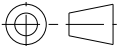


dr	Luo Weller	2012/12/05	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1		
eng	Luo Weller	2014/07/21			ecn no				-	
chr	-	-								
appr	Pei-Ming Zheng	2014/07/21	product family		PwrBlade		rel level		Released	
	title		8S+12P+8S  VERTICAL SOLDER RECEPT			dwg no		51940-543		rev
www.fci.com	cat. no.		*	Product - Customer Drw				sheet 2 of 4		

PRODUCT NUMBER

51940-543--  
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2012/12/05	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1		
eng	Luo Weller	2014/07/21			ecn no	-				
chr	-	-								
appr	Pei-Ming Zheng	2014/07/21	product family		PwrBlade	rel level	Released			
		title			8S+12P+8S		dwg no	51940-543	rev	A
VERTICAL SOLDER RECEPT										
www.fci.com		cat. no.	*	Product - Customer Drw				sheet 3 of 4		



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PRODUCT NUMBER  
51940-543\_\_  
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 51940-543 AND 51940-543LF 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.
- 12. DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.

dr	Luo Weller	2012/12/05	<div>projection</div>	<div>MM</div>	size	A4	scale	1:1	
eng	Luo Weller	2014/07/21			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2014/07/21	product family		PwrBlade	rel level		Released	
	title 8S+12P+8S VERTICAL SOLDER RECEPT				dwg no	51940-543			rev A
www.fci.com	cat. no.		*	Product - Customer Drw			sheet 4 of 4		