



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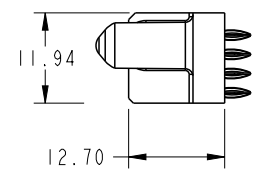
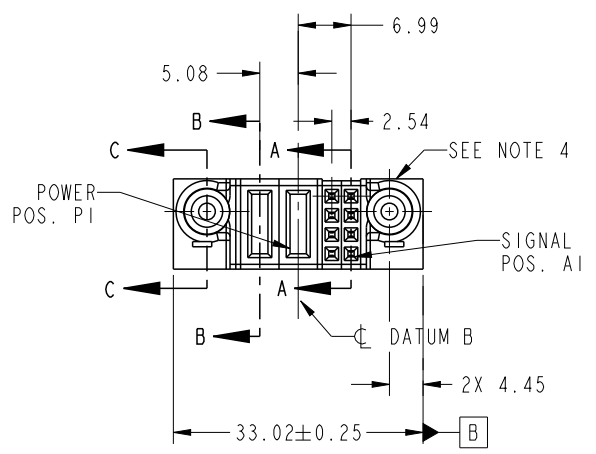
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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PRODUCT NO.	ROWS	POWER SIGNAL					
		E2	P2	P1	2	1	E1
51940-490-- NOTE: 3	D C B A		PC	PC	F	F	



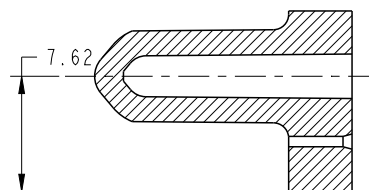
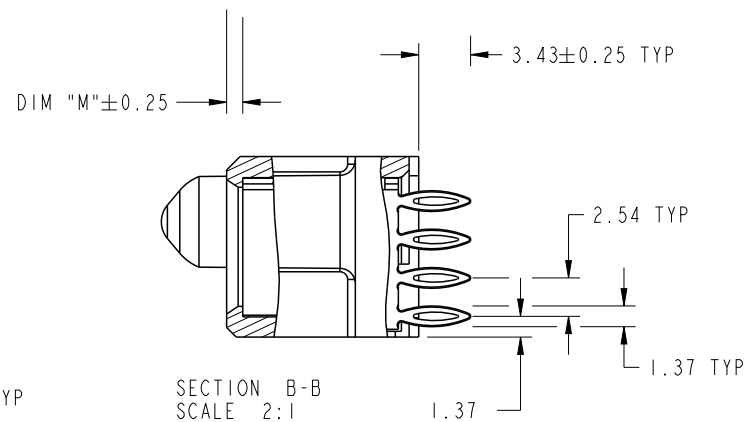
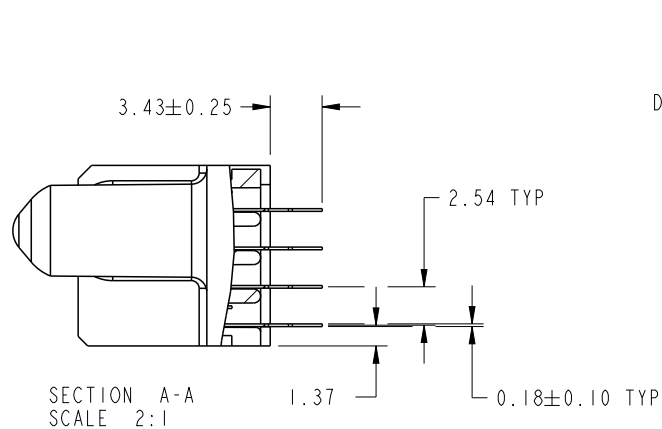
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[1.07]	POWER
F	[N/A]	SIGNAL

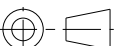


spec ref *				dr		Ruan MT	2013/04/19	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
tolerance std				eng		Ruan MT	2013/05/21			ecn no				-
SEE NOTE				chr		-	-			rel level				Released
				appr		Pei-Ming Zheng	2013/05/21			product family				PwrBlade
surface	linear	0.X	±0.5		title 8S + 2DCP VERTICAL PRESS FIT RECEPT				dwg no	51940-490		rev	A	
		0.XX	±0.25											
		0.XXX	±0.1											
	angular	0°	±2°											www.fci.com

PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

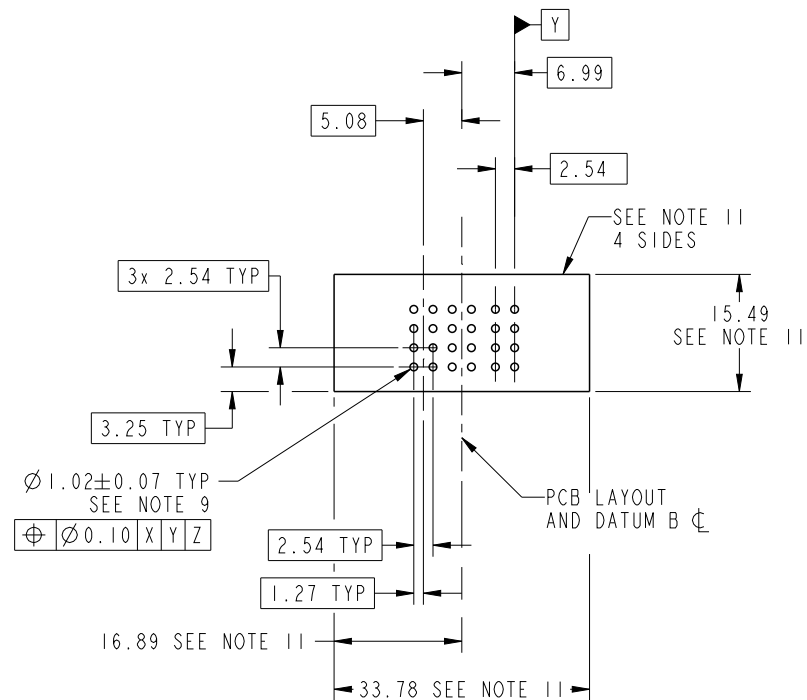
51940-490\_\_  
NOTE: 3



dr	Ruan MT	2013/04/19	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1					
eng	Ruan MT	2013/05/21			ecn no				-				
chr	-	-											
appr	Pei-Ming Zheng	2013/05/21	product family		PwrBlade	rel level	Released						
	title				8S + 2DCP				dwg no	51940-490	rev	A	
					VERTICAL PRESS FIT RECEIPT								
www.fci.com	cat. no.		*		Product - Customer Drw					sheet 2 of 4			

PRODUCT NUMBER

51940-490--  
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/04/19	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2013/05/21			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/05/21	product family	PwrBlade				
FCI		title	8S + 2DCP VERTICAL PRESS FIT RECEPT		dwg no	51940-490		rev
www.fci.com		cat. no.	*	Product - Customer Drw			sheet 3 of 4	



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51940-490\_\_  
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 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51940-490 AND 51940-490LF 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 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 11 CONNECTOR KEEP-OUT ZONE.
- 12. 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	2013/04/19	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1
eng	Ruan MT	2013/05/21			ecn no -			
chr	-	-						
appr	Pei-Ming Zheng	2013/05/21	product family		PwrBlade	rel level		Released
<div></div>	title 8S + 2DCP VERTICAL PRESS FIT RECEPT				dwg no 51940-490		rev A	
www.fci.com	cat. no. *		Product - Customer Drw				sheet 4 of 4	