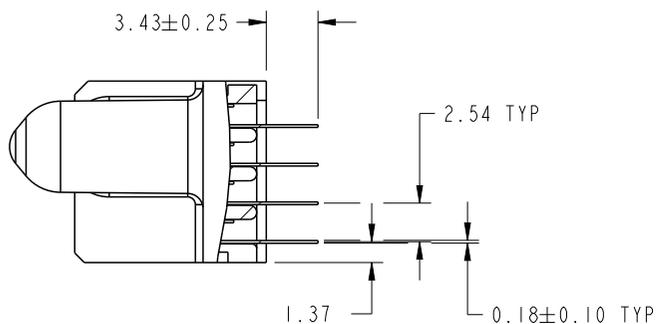


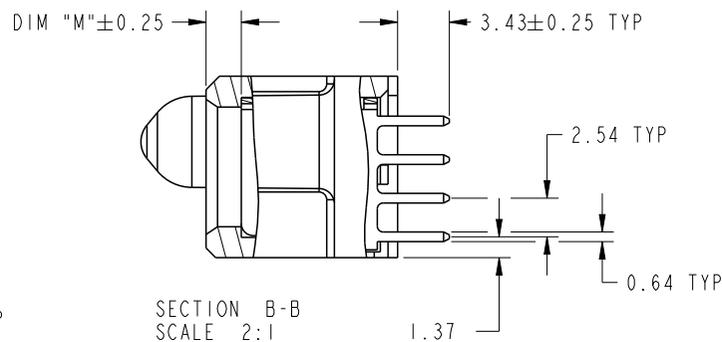


PRODUCT NUMBER

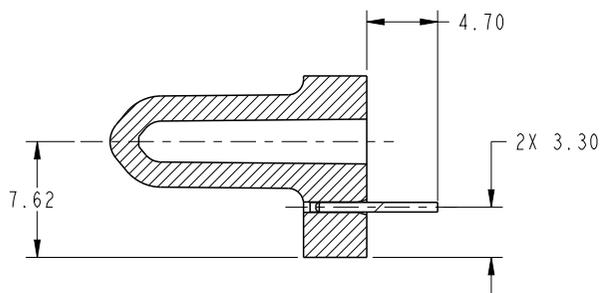
51750-121\_\_  
NOTE: 3



SECTION A-A  
SCALE 2:1



SECTION B-B  
SCALE 2:1

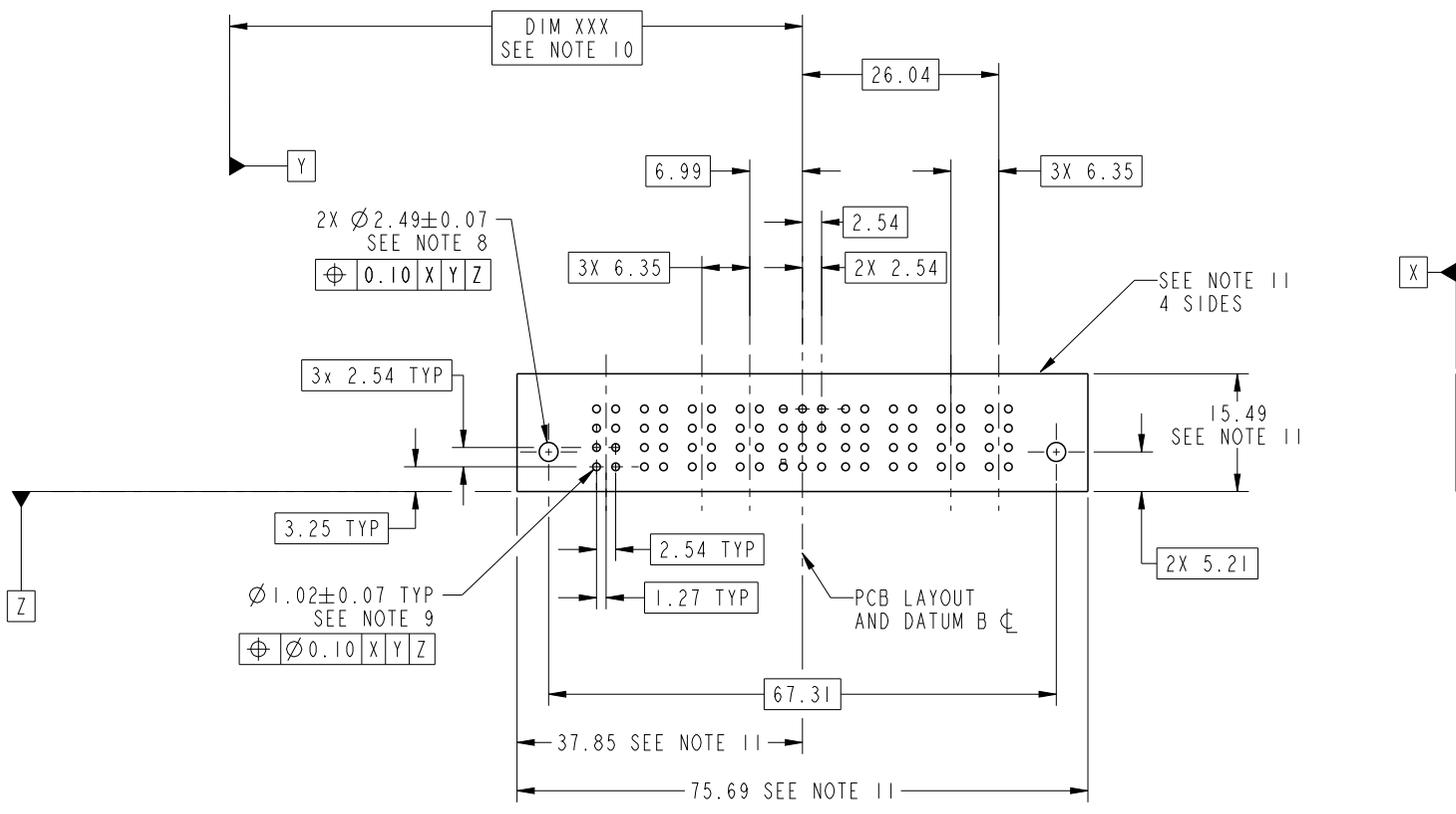


SECTION C-C  
SCALE 2:1

dr	X Q Wang	2012/03/28	projection 	MM 	size	A4	scale	1:1
eng	X Q Wang	2012/05/16			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/05/16	product family	PwrBlade	rev	A		
		title 4P + 12S + 4P VERTICAL SOLDER RECEIPT	dwg no 51750-121	cat. no. *	Product - Customer Drw	sheet 2 of 4		

PRODUCT NUMBER

51750-121\_\_  
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	X Q Wang	2012/03/28	projection 	MM 	size	A4	scale	1:1
eng	X Q Wang	2012/05/16			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/05/16	product family	PwrBlade	rev	A		
		title 4P + 12S + 4P VERTICAL SOLDER RECEPT	dwg no 51750-121	www.fci.com	cat. no. *	Product - Customer Drw	sheet 3 of 4	

PRODUCT NUMBER

51750-121--  
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 51750-121 AND 51750-121LF 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 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	X Q Wang	2012/03/28	projection 	MM 	size	A4	scale	1:1	
eng	X Q Wang	2012/05/16			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2012/05/16	product family	PwrBlade	rel level	Released			
	title	4P + 12S + 4P VERTICAL SOLDER RECEPT			dwg no	51750-121		rev	A
www.fci.com	cat. no.	*	Product - Customer Drw			sheet 4 of 4			