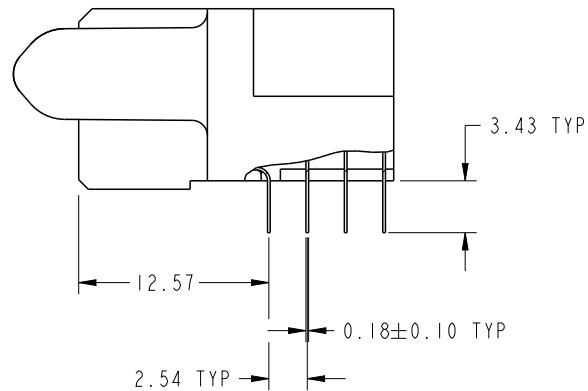
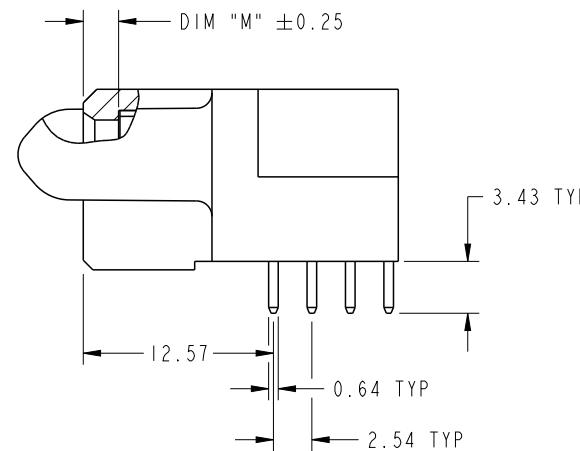


PRODUCT NUMBER
51866-050
NOTE: 3

A



B

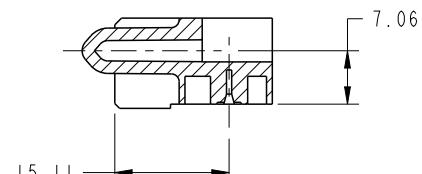


A

BROKEN-OUT SECTION A-A
SCALE 2:1

BROKEN-OUT SECTION B-B
SCALE 2:1

C



SECTION C-C

dr	Guang, Shi	2011/12/09	projection	MM	size	A4	scale
eng	Luo Weller	2012/09/16					
chr	-	-			ecn no	-	
appr	Pei-Ming Zheng	2012/09/17	product family	PwrBlade	rel level	Released	
FCI		12S + 4P			dwg no	51866-050	
		+ R/A STB RECEPTACLE			rev	A	
www.fci.com		cat. no.		-	Product - Customer Drw	sheet 2 of 4	

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FCI

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PRODUCT NUMBER
51866-050
NOTE: 3

1

2

3

4

A

A

B

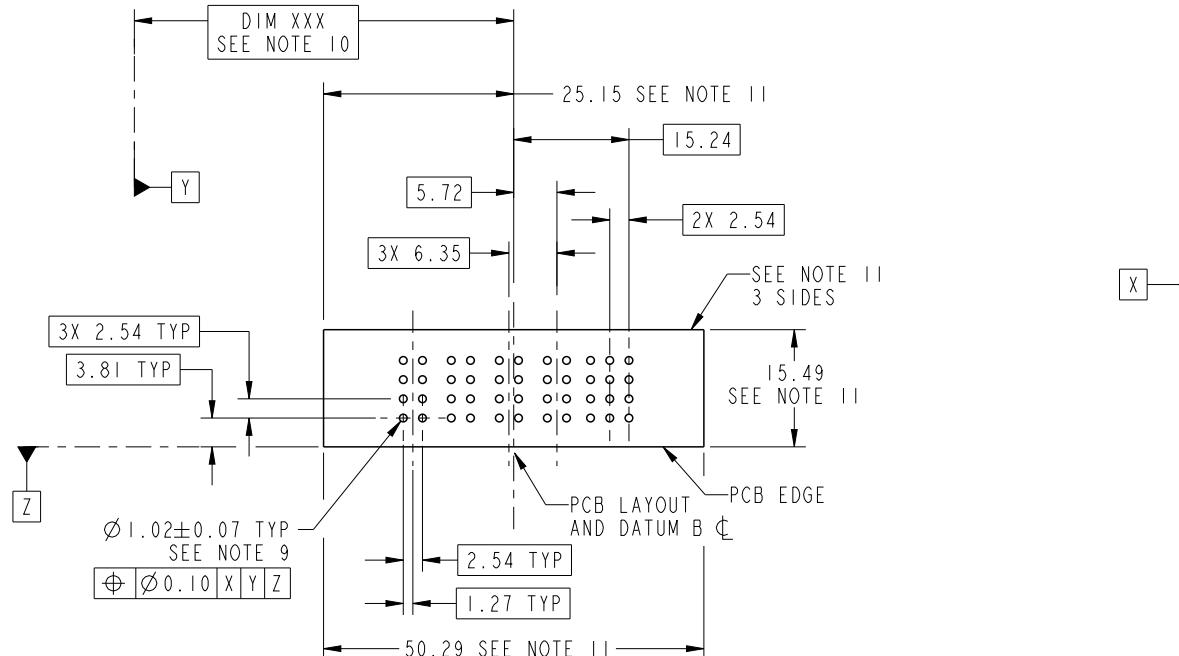
B

C

C

D

D



dr	Guang, Shi	2011/12/09	projection	MM	size	A4	scale
eng	Luo Weller	2012/09/16					
chr	-	-			ecn no		
appr	Pei-Ming Zheng	2012/09/17	product family	PwrBlade	rel level		Released
FCI		12S + 4P R/A STB RECEPTACLE			dwg no	51866-050	
www.fci.com		cat. no.		-	Product - Customer Drw	sheet 3 of 4	

PRODUCT NUMBER	51866-050
NOTE:	3

A

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 51866-050 AND 51866-050LF RESPECTIVELY.

B

(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.

A

B

C

C

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D

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	Guang, Shi	2011/12/09	projection 	MM	size A4	scale 1:1
eng	Luo Weller	2012/09/16				
chr	-	-				
appr	Pei-Ming Zheng	2012/09/17				
		product family	PwrBlade	rel level	Released	
	12S + 4P + R/A STB RECEPTACLE		dwg no 51866-050		rev A	
www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4		

Mouser Electronics

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