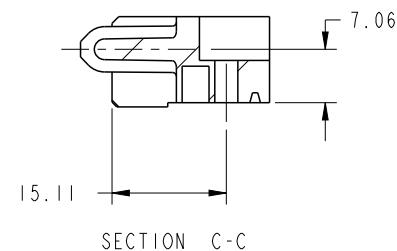
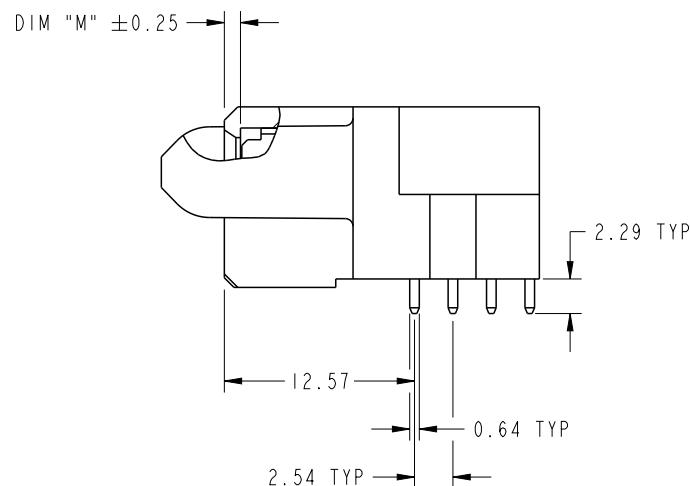


FCI

Copyright FCI.

PRODUCT NUMBER
51915-397_-
NOTE 3



dr	Luo Weller	2013/04/11	projection	MM	size	A4	scale
eng	Luo Weller	2013/04/23					
chr	-	-			ecn no	-	
appr	Pei-Ming Zheng	2013/04/23	product family	PwrBlade	rel level	Released	
		3ACP	dwg no		51915-397	rev	A
www.fci.com		cat. no.	Product - Customer Drw				sheet 2 of 4

PRODUCT NUMBER
51915-397-- NOTE 3

A

A

B

B

C

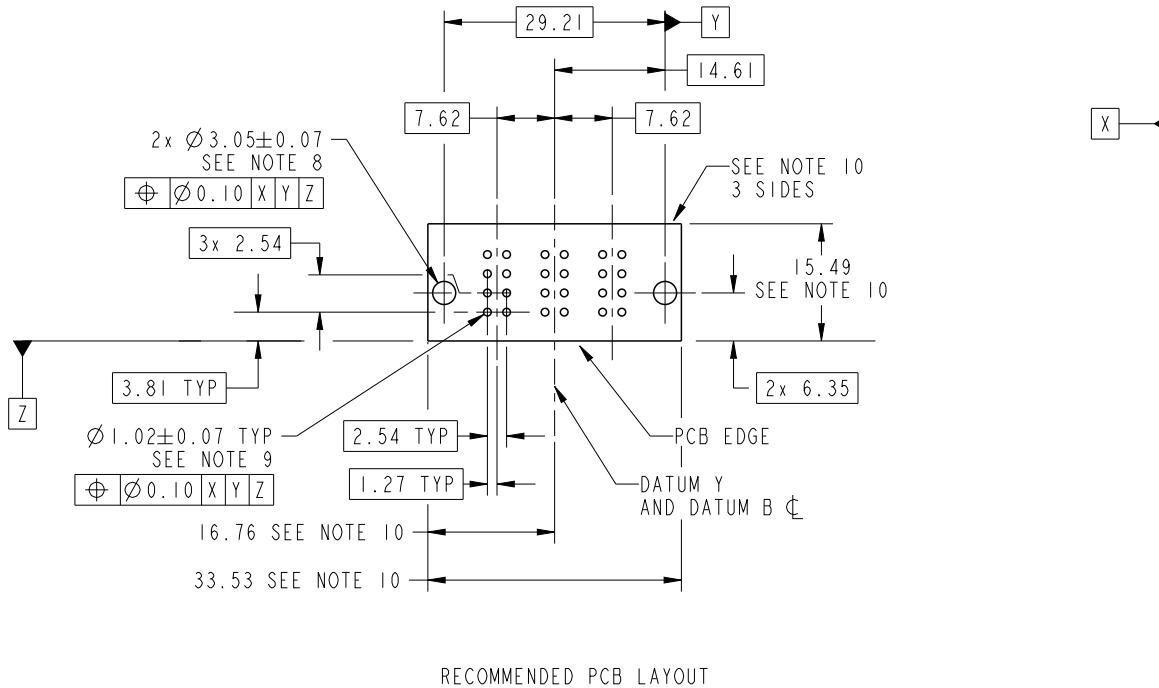
C

11

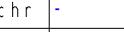
—

1

3



## RECOMMENDED PCB LAYOUT

dr	Luo Weller		2013/04/11	projection 	MM	size	scale
eng	Luo Weller		2013/04/23			A4	1:1
chr	-		-			ecn no	-
appr	Pei-Ming Zheng		2013/04/23	product family	PwrBlade	rel level	Released
		e 3ACP t i R/A SOLDER RECEPTACLE			no dwg 6	51915-397 rev A	
www.fci.com		cat. no.		Product	-	Customer Drw	sheet 3 of 4

PRODUCT NUMBER	51915-397_
	NOTE 3

## NOTES:

A

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 51915-397 AND 51915-397LF 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.
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
9.  $\phi 1.151 \pm 0.025$  DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE  $\phi 1.02 \pm .07$  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. USE FCI CAM TOOL 430140-XXX TO APPLY CONNECTOR TO PCB.

A

B

B

C

C

D

D

dr	Luo Weller	2013/04/11	 product family	MM	size	A4	scale
eng	Luo Weller	2013/04/23					
chr	-	-			ecn no	-	
appr	Pei-Ming Zheng	2013/04/23		PwrBlade	rel level	Released	
	3ACP			dwg no	51915-397	rev	A
	+ R/A SOLDER RECEPTACLE						
www.fci.com	cat. no.	Product - Customer Drw		sheet	4 of 4		