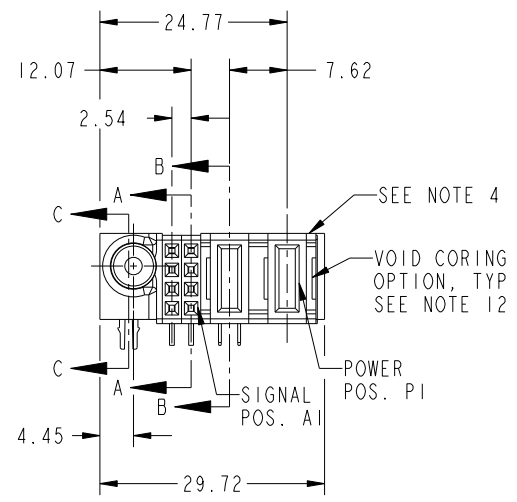
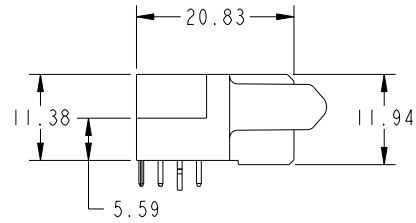




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PRODUCT NO.	ROWS	SIGNAL			POWER		E1
		E2	2	1	P2	P1	
51915-472-- NOTE 3	D C B A		H X X X X	H X X X X	PA	X	



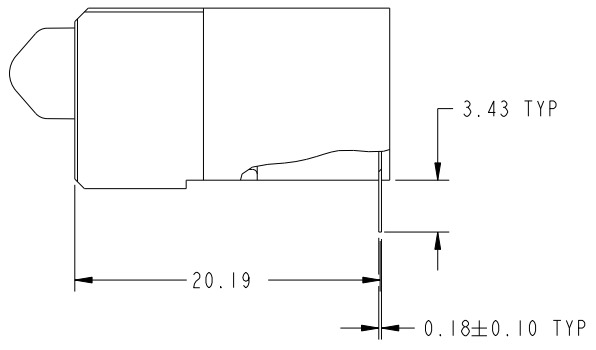
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
H	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN
X	OMITTED	OMITTED

spec ref		SEE NOTES		dr		Luo Weller	2014/11/19	projection 	MM 	size	A4	scale	1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Ruan MT	2014/12/17			ecn no				-
SEE NOTES				chr		-	-			rel level				Released
				appr		Pei-Ming Zheng	2014/12/17	product family		PwrBlade				
surface ✓		linear	0.X	±0.50		title 2ACP + 8S R/A STB RECEPTACLE				dwg no	51915-472		rev A	
			0.XX	±0.25										
SEE NOTES			0.XXX	±0.051										
		angular	0°	±2°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 1 of 4		

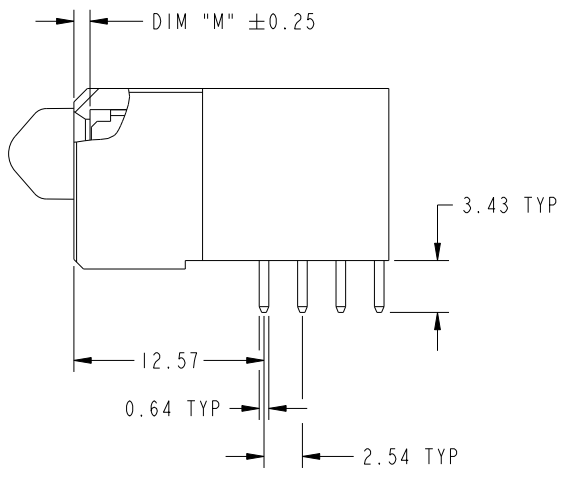
Print File - REV C - 2009-06-09



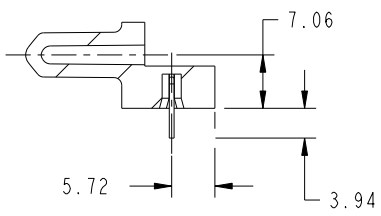
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BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

dr	Luo Weller	2014/11/19	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2014/12/17			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	2014/12/17	product family		PwrBlade	rel level	Released	
	title 2ACP + 8S R/A STB RECEPTACLE				dwg no 51915-472	rev A		
www.fci.com		cat. no.		-	Product - Customer Drw		sheet 2 of 4	

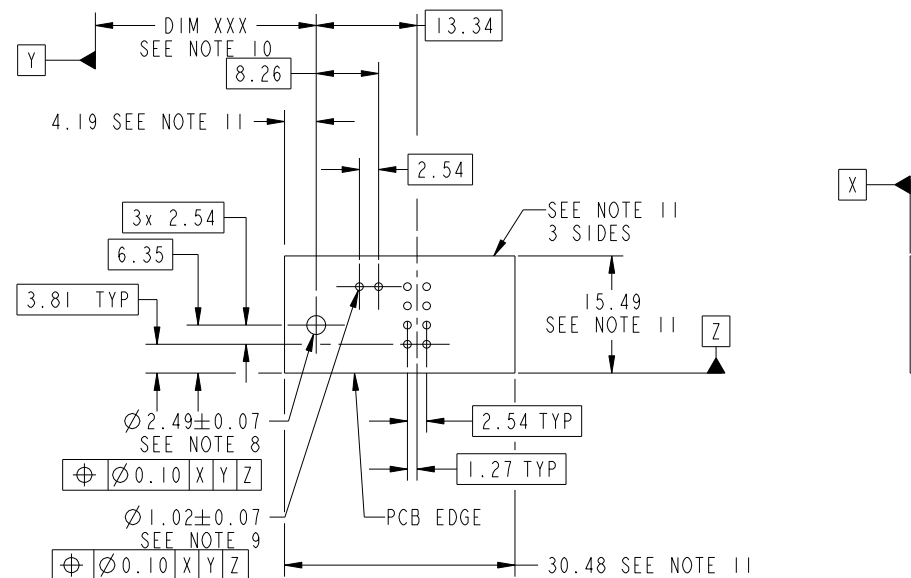
A

6

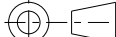
C

D

0



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2014/11/19	projection 	MM 	size	A4	scale	1:1	
eng	Ruan MT	2014/12/17			ecn no				-
chr	-	-							
appr	Pei-Ming Zheng	2014/12/17	product family		PwrBlade	rel level		Released	
FCI		title			2ACP + 8S		dwg no		rev
		R/A STB RECEPTACLE			51915-472				A
www.fci.com		cat. no.		-			Product - Customer Drw		sheet 3 of 4

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 51915-472 AND 51915-472LF RESPECTIVELY.

④ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR 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.

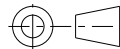
⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

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	Luo Weller	2014/11/19	projection 	MM 	size	A4	scale	1:1			
eng	Ruan MT	2014/12/17			ecn no						
chr	-	-									
appr	Pei-Ming Zheng	2014/12/17	product family		PwrBlade	rel level		Released			
		title			2ACP + 8S			dwg no	51915-472	rev	A
R/A STB RECEPTACLE											
www.fci.com		cat. no.		-	Product - Customer Drw				sheet 4 of 4		