
















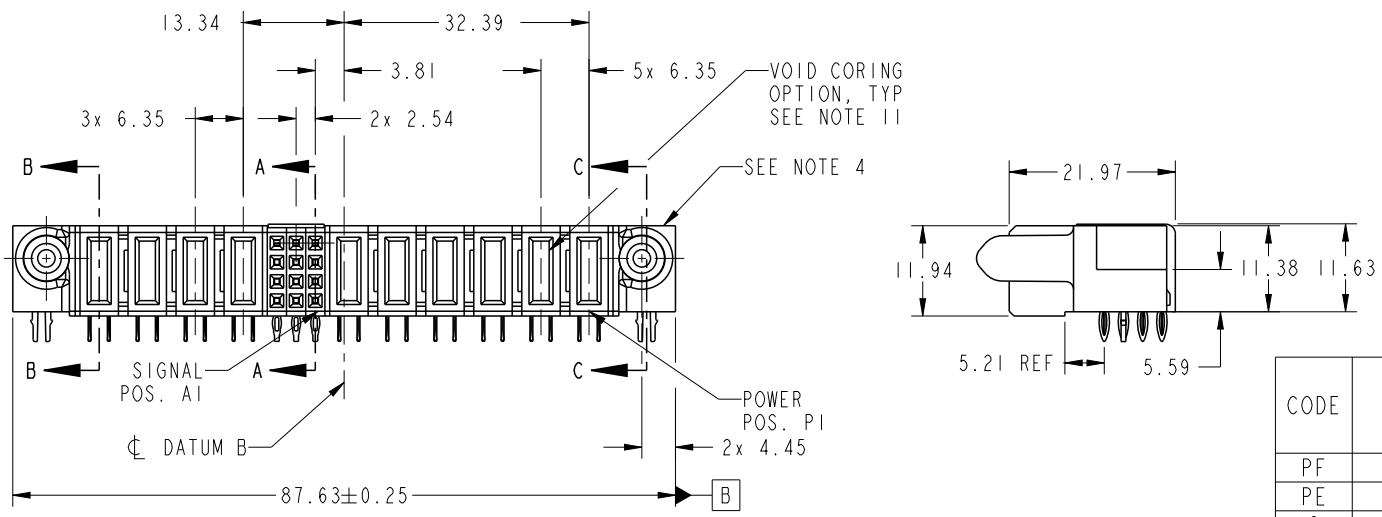




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PRODUCT NO.	ROWS	POWER					SIGNAL			POWER					E1	
		E2	P10	P9	P8	P7	3	2	1	P6	P5	P4	P3	P2		P1
51915-387-- NOTE 3	D C B A		PF	PF	PF	PF	S R P N	S R P N	S R P N	PF	PF	PF	PF	PE	PE	
																

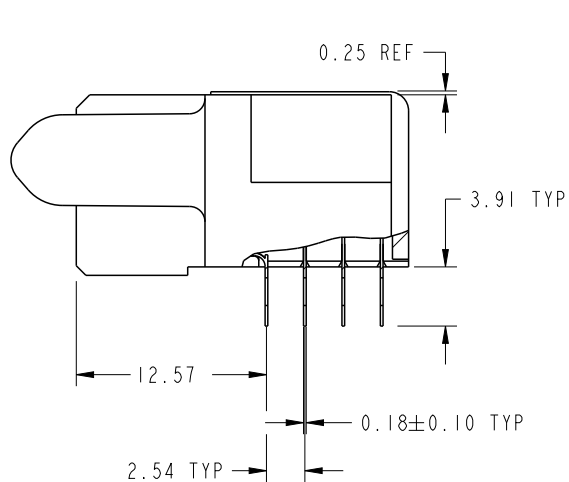


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	[2.34]	POWER
PE	[1.07]	POWER
S	[N/A]	SIGNAL
R	[N/A]	SIGNAL
P	[N/A]	SIGNAL
N	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN

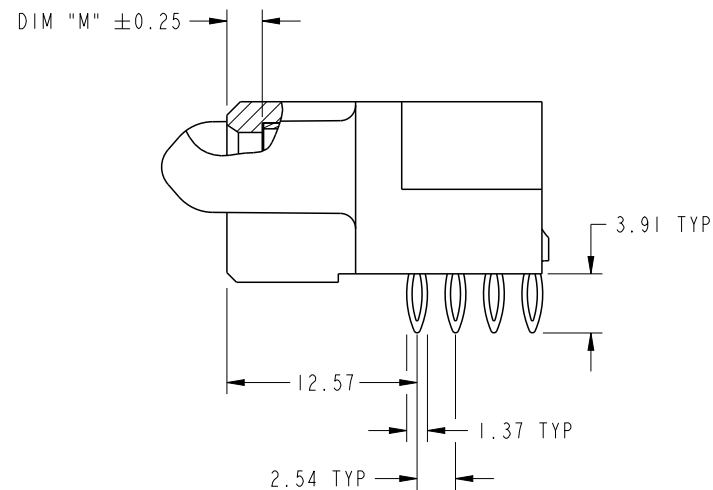
spec ref		SEE NOTES		dr	Luo Weller	2013/01/21	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Luo Weller	2013/03/26			ecn no				-		
				chr	-	-			rel level				Released		
				appr	Pei-Ming Zheng	2013/03/26			product family		PwrBlade				
surface	linear	0.X	±0.50		title			6P+12S+4P			dwg no	51915-387		rev	A
		0.XX	±0.25												
		0.XXX	±0.10												
	angular	0°	±2°												

PRODUCT NUMBER

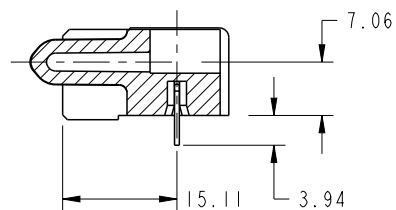
51915-387--
NOTE 3



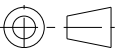


BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

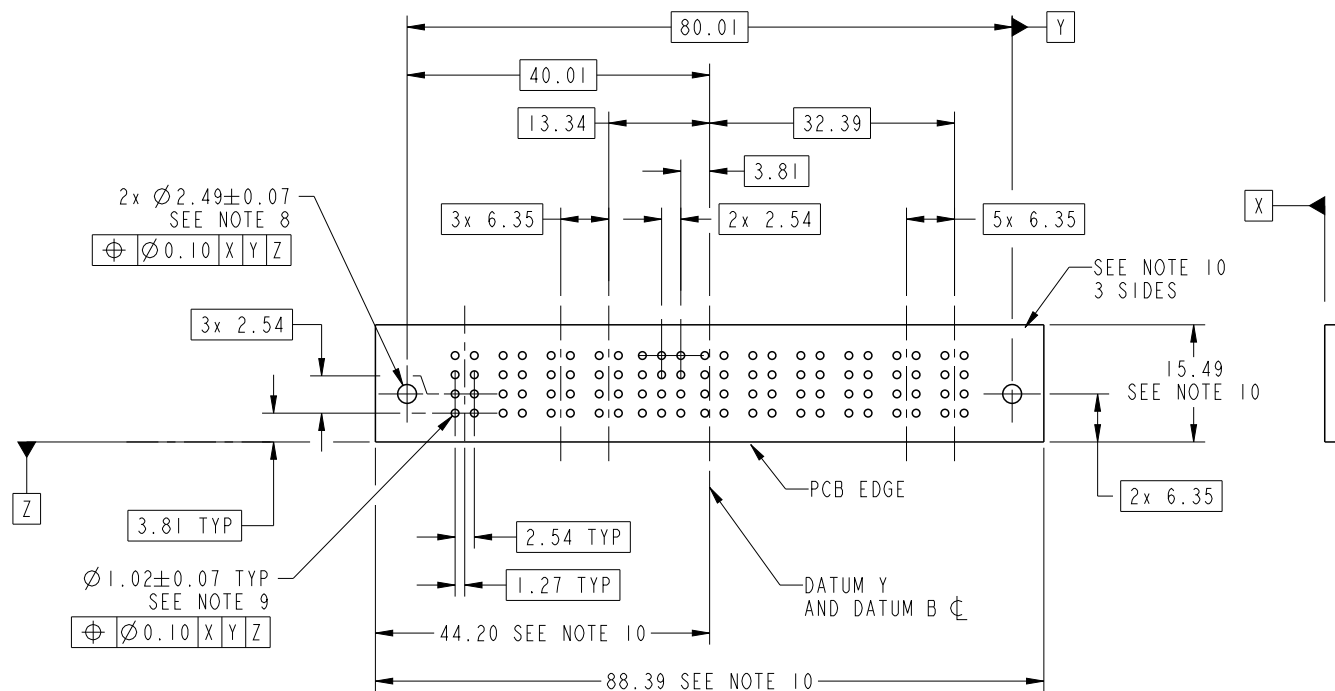


SECTION C-C

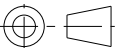


dr	Luo Weller	2013/01/21	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1
eng	Luo Weller	2013/03/26			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/03/26	product family	PwrBlade				
	title 6P+12S+4P R/A PRESS-FIT RECEPTACLE			dwg no 51915-387	rev A			
www.fci.com	cat. no.		Product - Customer Drw			sheet 2 of 4		

PRODUCT NUMBER

51915-387--
NOTE 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2013/01/21	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1				
eng	Luo Weller	2013/03/26			ecn no	-						
chr	-	-			rel level	Released						
appr	Pei-Ming Zheng	2013/03/26	product family		PwrBlade							
	title			6P+12S+4P			dwg no		51915-387		rev	
www.fci.com			cat. no.			Product - Customer Drw			sheet 3 of 4			
			R/A PRESS-FIT RECEPTACLE						A			



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PRODUCT NUMBER
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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 51915-387 AND 51915-387LF 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
 $\varnothing 1.02 \pm .07$ 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.

dr	Luo Weller	2013/01/21	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1
eng	Luo Weller	2013/03/26			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	2013/03/26	product family		PwrBlade	rel level		Released
	title				dwg no		rev	
	6P+12S+4P				51915-387		A	
	R/A PRESS-FIT RECEPTACLE							
www.fci.com	cat. no.		Product - Customer Drw				sheet 4 of 4	