






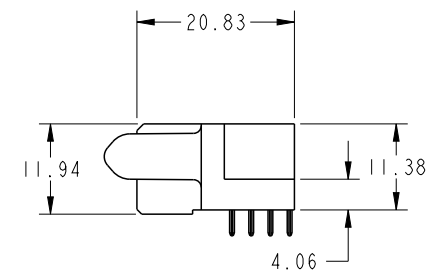
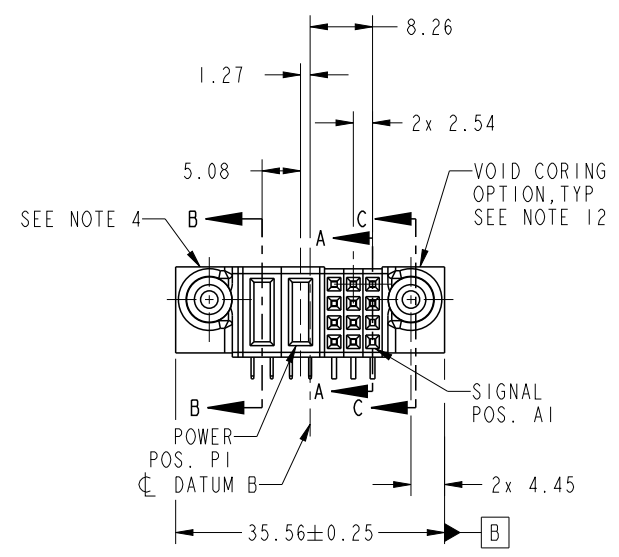


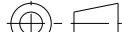





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PRODUCT NO.	ROW S	POWER SIG						
		E2	P2	P1	3	2	1	E1
51915-370-- NOTE 3	D C B A							



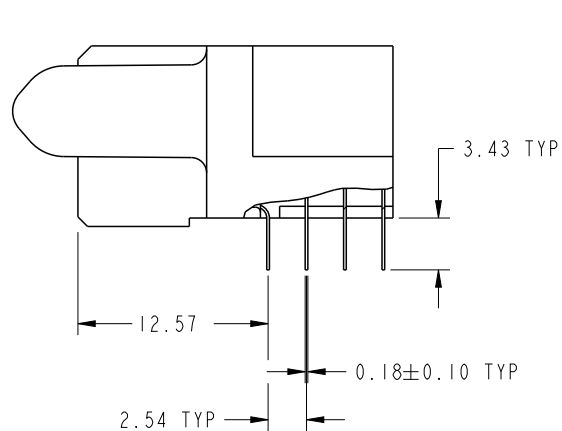
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
X	OMITTED	OMITTED

spec ref		SEE NOTES		dr	Luo Weller	2012/08/01	projection 	MM 	size	A4	scale	1:1
tolerance std SEE NOTES	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Luo Weller	2013/12/23	ecn no			-			
			chr	-	-							
				appr	Pei-Ming Zheng	2013/12/23	product family		PwrBlade		rel level	Released
surface 	linear	0.X	±0.50		title 12S + 2DCP R/A SOLDER RECEPTACLE				dwg no	51915-370		rev A
		0.XX	±0.25									
		0.XXX	±0.10									
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw				sheet 1 of 4	

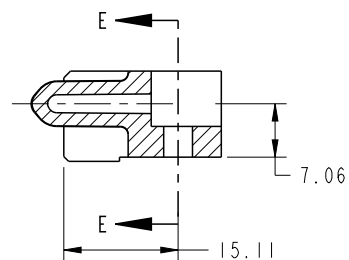
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

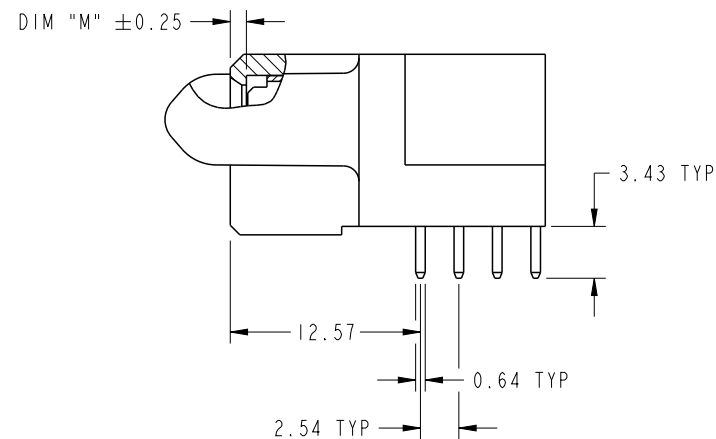
51915-370\_\_  
NOTE 3



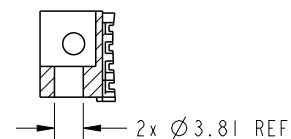
BROKEN-OUT SECTION A-A  
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B  
SCALE 2:1



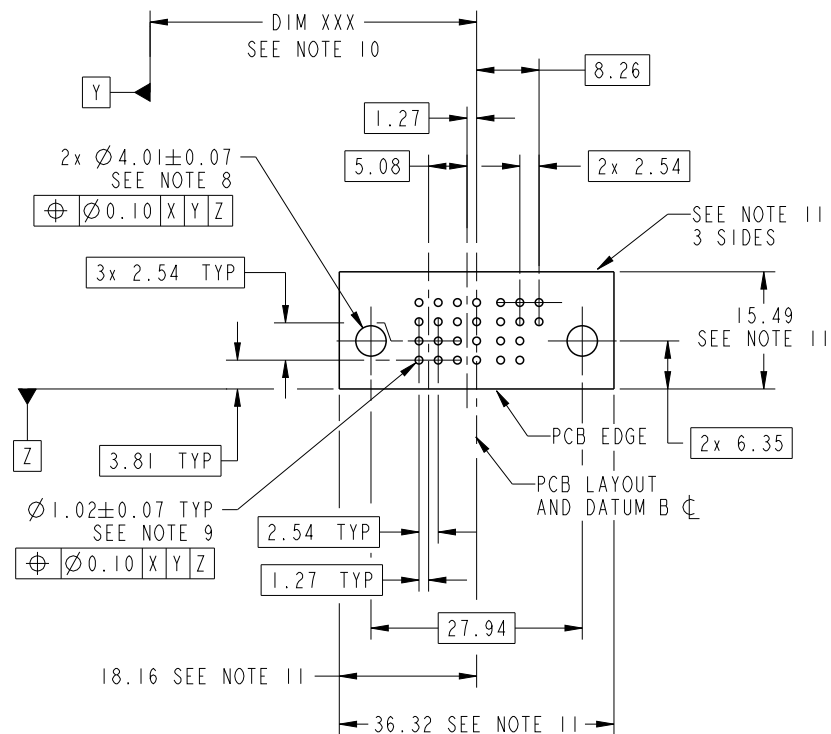
PARTIAL SECTION E-E

dr	Luo Weller	2012/08/01	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2013/12/23			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/12/23	product family	PwrBlade				
	title	12S + 2DCP R/A SOLDER RECEPTACLE	dwg no	51915-370	rev	A		
www.fci.com	cat. no.		Product - Customer Drw		sheet 2 of 4			

PrintE File - REV C - 2009-06-09

# PRODUCT NUMBER

51915-370\_\_  
NOTE 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2012/08/01	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1				
eng	Luo Weller	2013/12/23			ecn no		-					
chr	-	-			rel level							
appr	Pei-Ming Zheng	2013/12/23	product family		PwrBlade		Released					
	title			12S + 2DCP			dwg no		51915-370		rev	
www.fci.com		cat. no.		Product - Customer Drw						sheet 3 of 4		



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PRODUCT NUMBER  
51915-370\_\_  
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 51915-370 AND 51915-370LF 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. "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	2012/08/01	<div>projection</div>	<div>MM</div>	size	A4	scale	1:1
eng	Luo Weller	2013/12/23			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	2013/12/23	product family		PwrBlade	rel level	Released	
	title				dwg no		rev	
	12S + 2DCP				51915-370		A	
	R/A SOLDER RECEPTACLE							
www.fci.com	cat. no.		Product - Customer Drw			sheet 4 of 4		