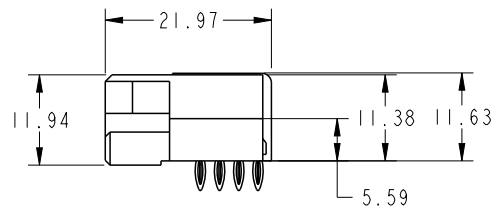
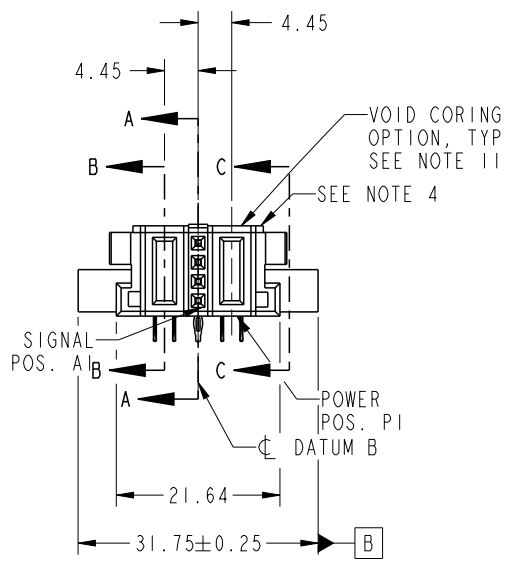
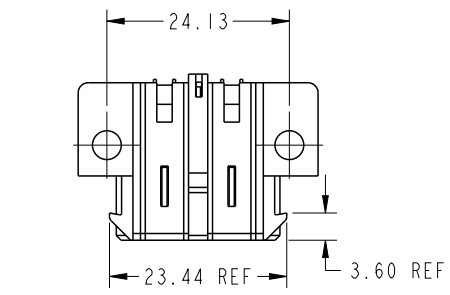



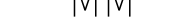




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PRODUCT NO.	ROWS	POW		S		POW	
		E2	P2	1	P1	E1	
51915-418-- NOTE 3	D C B A						
		PF	SR	P	PE		
			P	N			



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

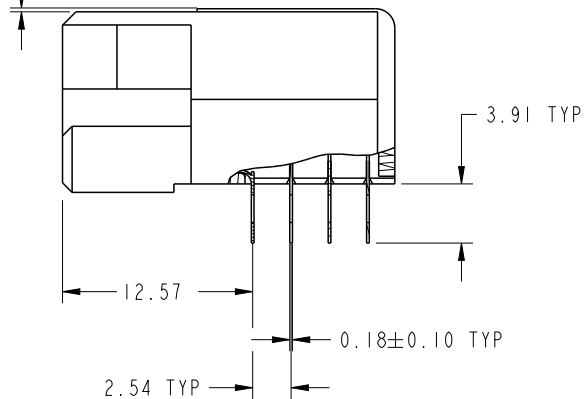
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Luo Weller	2013/11/19			ecn no	-			
SEE NOTES					chr	-	-			rel level			Released	
					appr	Pei-Ming Zheng	2013/11/19	product family		PwrBlade				
surface 	linear	0.X	±0.50			title IP+4S+IP R/A PF RECEPTACLE					dwg no	51915-418		rev <b>A</b>
		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

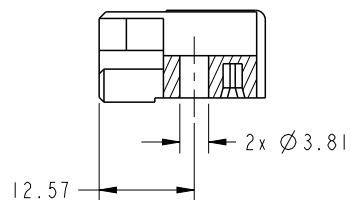
PRODUCT NUMBER

51915-418\_\_  
NOTE 3

0.25 REF

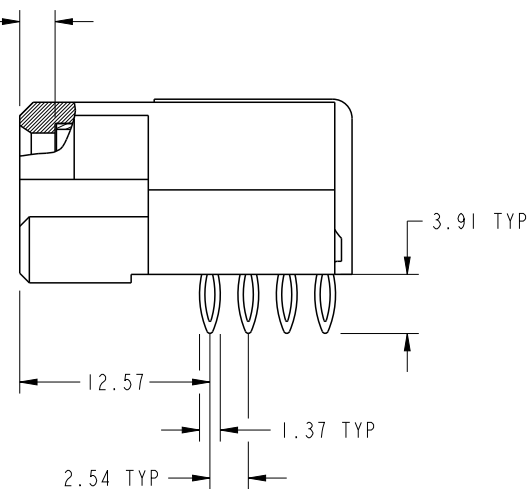


BROKEN-OUT SECTION A-A  
SCALE 2:1

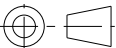




SECTION C-C

DIM "M" ±0.25

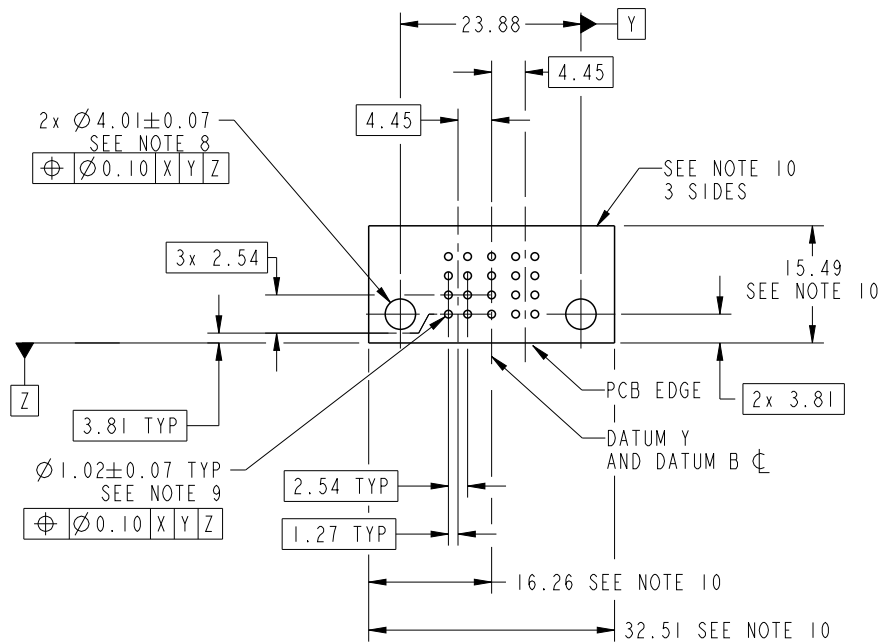


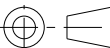


BROKEN-OUT SECTION B-B  
SCALE 2:1

dr	Luo Weller	2013/10/30	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
eng	Luo Weller	2013/11/19			ecn no				-
chr	-	-			rel level				Released
appr	Pei-Ming Zheng	2013/11/19	product family		PwrBlade				
<div></div>			title			IP+4S+IP		rev	
			R/A PF RECEPTACLE			dwg no		A	
www.fci.com			cat. no.			Product - Customer Drw		sheet 2 of 4	

PRODUCT NUMBER

51915-418--  
NOTE 3



dr	Luo Weller	2013/10/30	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1
eng	Luo Weller	2013/11/19			ecn no -			
chr	-	-						
appr	Pei-Ming Zheng	2013/11/19	product family		PwrBlade	rel level		Released
	title IP+4S+IP R/A PF RECEPTACLE			dwg no 51915-418		rev A		
	www.fci.com		cat. no.		Product - Customer Drw		sheet 3 of 4	



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PRODUCT NUMBER  
51915-418--  
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 51915-418 AND 51915-418LF 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.

dr	Luo Weller	2013/10/30	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1				
eng	Luo Weller	2013/11/19			ecn no -							
chr	-	-										
appr	Pei-Ming Zheng	2013/11/19	product family		PwrBlade		rel level		Released			
<div></div>	title				IP+4S+IP		dwg no		51915-418	rev	A	
					R/A PF RECEPTACLE							
www.fci.com			cat. no.		Product - Customer Drw					sheet 4 of 4		