

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

A

B

1

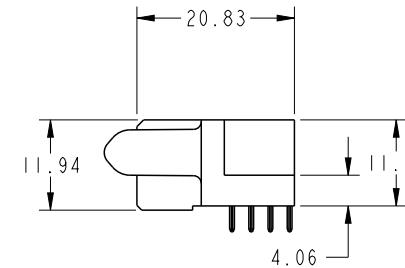
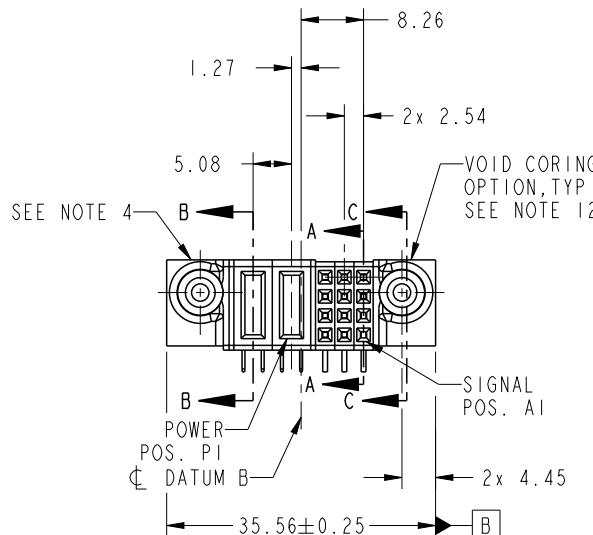
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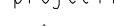
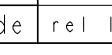
- 3 -

111

1

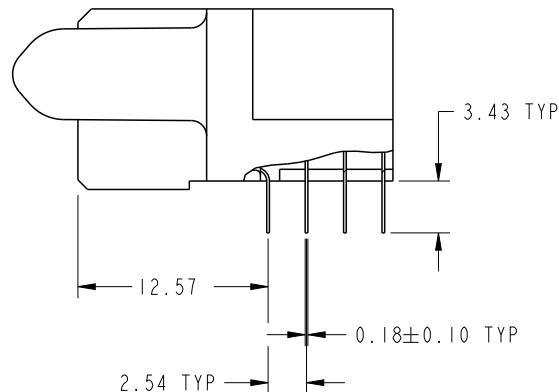


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
X	OMITTED	OMITTED

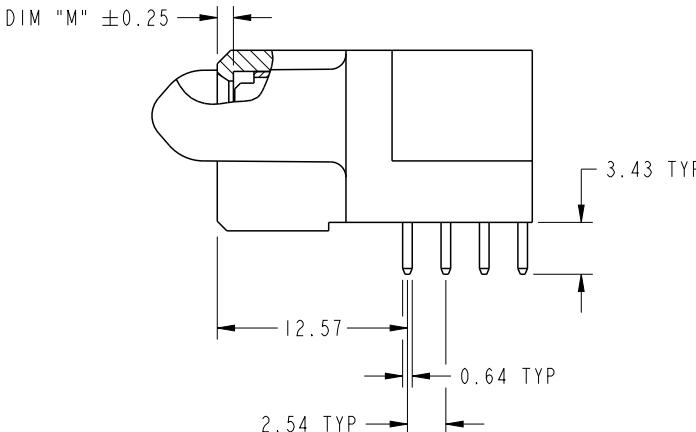
spec ref	SEE NOTES		dr	Luo Weller	2012/08/01			size	scale				
tolerance std			eng	Luo Weller	2013/12/23			A4	1:1				
SEE NOTES	TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			ecn no	-				
			appr	Pei-Ming Zheng	2013/12/23			rel level	Released				
surface	linear	0.X	±0.50		12S + 2DCP				51915-370			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

PRODUCT NUMBER
51915-370--
NOTE 3

A

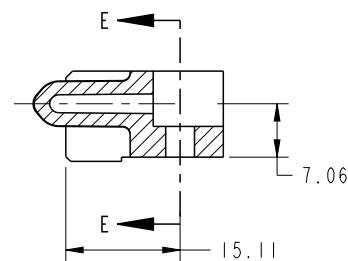


B



A

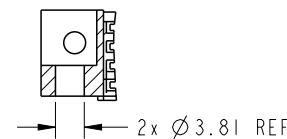
BROKEN-OUT SECTION A-A
SCALE 2:1



C

SECTION C-C

BROKEN-OUT SECTION B-B
SCALE 2:1



D

PARTIAL SECTION E-E

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

PRODUCT NUMBER
51915-370
NOTE 3

A

A

B

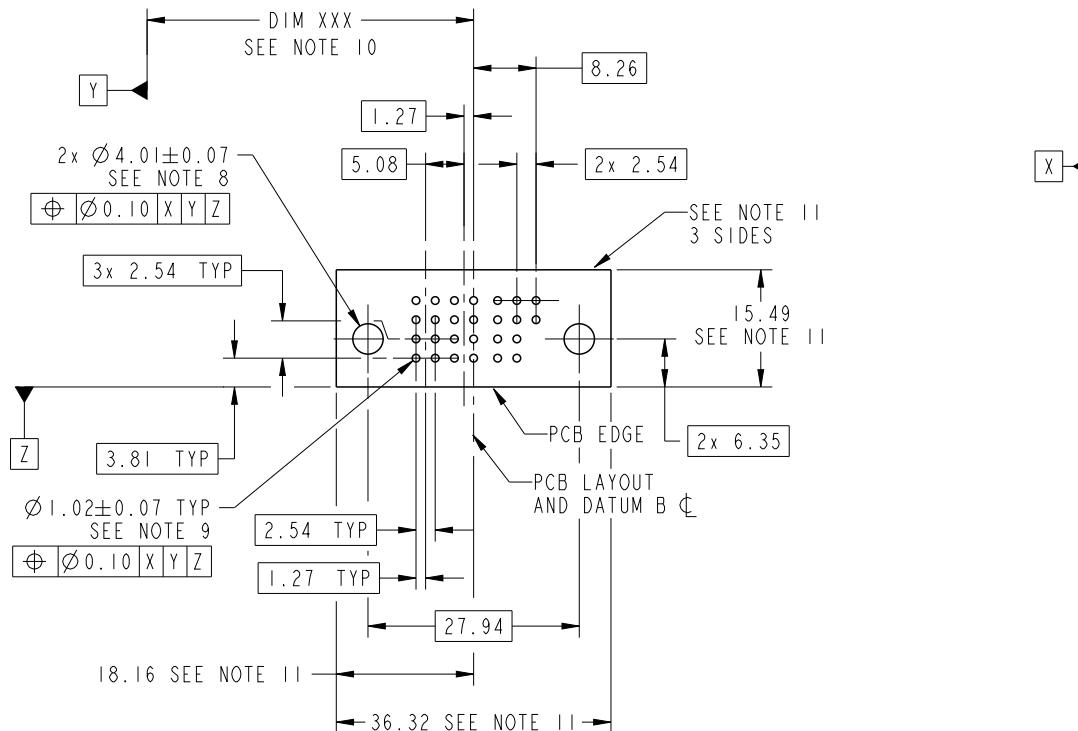
B

C

C

D

D



RECOMMENDED PCB LAYOUT

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

PRODUCT NUMBER	51915-370--
	NOTE 3

NOTES:

A

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

B

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.

A

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
6. PACKAGED IN TRAYS.

B

PCB NOTES:

C

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

C

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. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

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