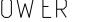
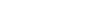
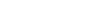
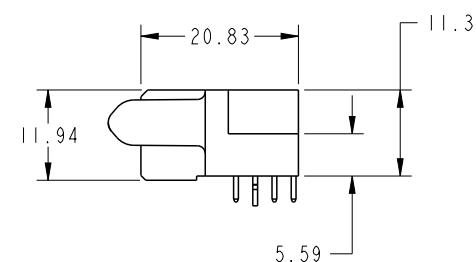
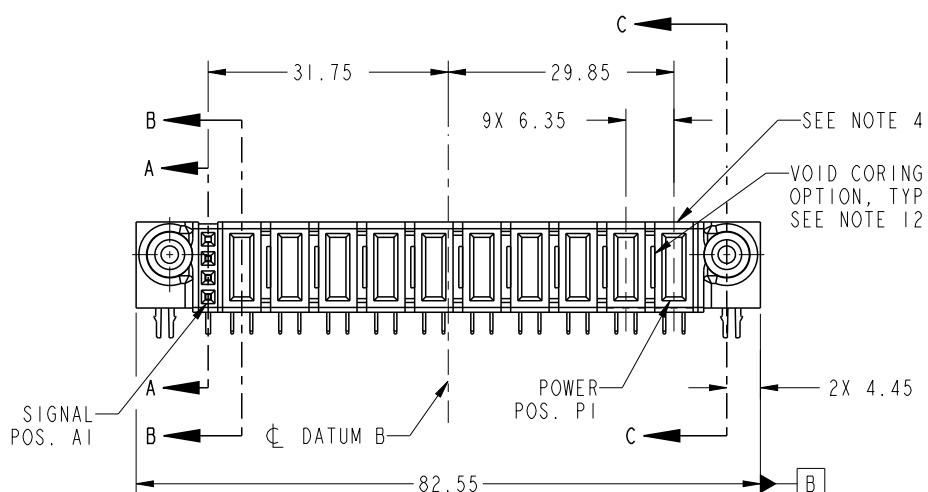


PRODUCT NO.	ROWS	SIGNAL					POWER							E1																																																																																						
		E2	1	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1																																																																																							
51915-314 NOTE 3	D C B A																																																																																																			<img alt="Pin diagram showing signal and power pins for product 51915-314. The diagram shows a central vertical line with a circle at the top



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
HA	[N/A]	HOI D-DOWN

spec ref	See Notes		dr	Hong-Tu, Zhang		2011/08/15			size	A4	scale					
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Guang, Shi		2011/08/23			A4	1:1						
See Notes			chr	-		-			ecn no	-						
	appr Pei-Ming Zheng			2011/08/23		product family			PwrBlade	rel level	Released					
surface	linear	0.X	±0.50		10P + 4S					51915-314		rev A				
		0.XX	±0.25		R/A SOLDER RECEPTACLE											
		0.XXX	±0.10													
		angular	0°													
				www.fci.com	cat. no.	-	Product - Customer Drw		sheet 1 of 4							

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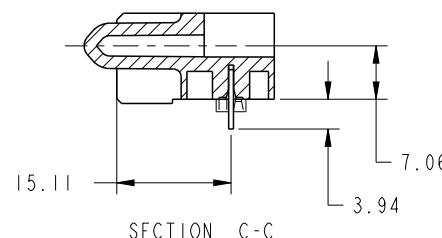
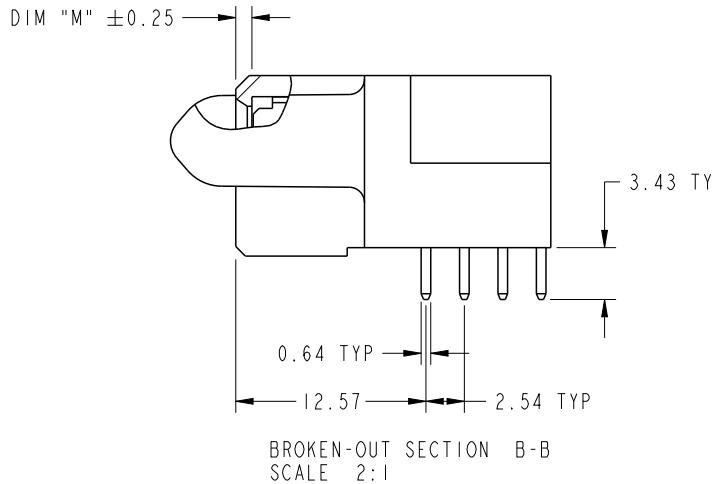
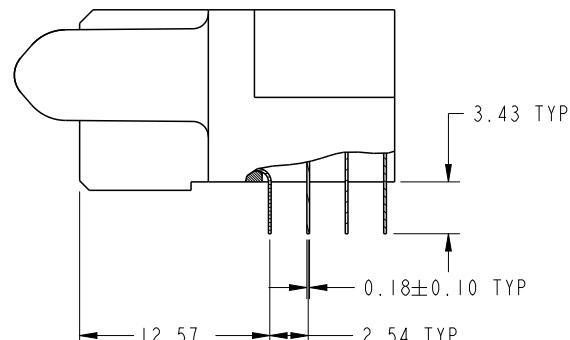
13

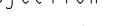
A

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3



spec ref	See Notes	dr	Hong-Tu, Zhang	2011/08/15			size	A4	scale
tolerance std		eng	Guang, Shi	2011/08/23			A4		1:1
		chr	-	-			ecn no		-
See Notes		appr	Pei-Ming Zheng	2011/08/23			rel level		Released
surface	linear	0.X	±0.50		^{title} TOP + 4S [†] R/A SOLDER RECEPTACLE	^{dwg no} 51915-314	^{rev} A		
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°	www.fci.com	^{cat. no.} - Product - Customer Drw		^{sheet} 2 of 4		

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spec ref	See Notes		dr	Hong-Tu, Zhang	2011/08/15	projection	MM	size	A4	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Guang, Shi	2011/08/23	product family	PwrBlade	ecn no	rel level	Released
See Notes			chr	-	-					
surface	✓		appr	Pei-Ming Zheng	2011/08/23					
	surface	linear	0.X	± 0.50		FCI	10P + 4S	dwg no	51915-314	rev A
			0.XX	± 0.25			+ R/A SOLDER RECEPTACLE			
			0.XXX	± 0.10						
	angular		0°	$\pm 2°$	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.

A

A

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 51915-314 AND 51915-314LF RESPECTIVELY.

B

B

4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N 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:

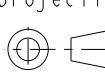
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

C

C

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.

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spec ref	See Notes		dr	Hong-Tu, Zhang	2011/08/15	projection 	MM	size A4	scale 1 : 1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Guang, Shi	2011/08/23							
See Notes			chr	-	-							
surface 	linear	0.X	± 0.50		e 10P + 4S + R/A SOLDER RECEPTACLE				ecn no - rel level Released			
		0.XX	± 0.25									
		0.XXX	± 0.10									
		angular	0°									
			$\pm 2^\circ$	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4	rev A			