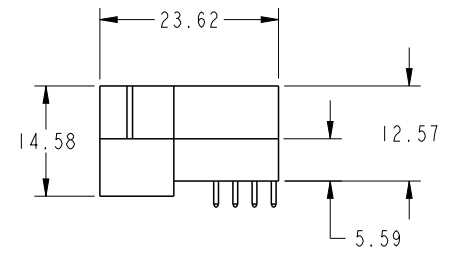
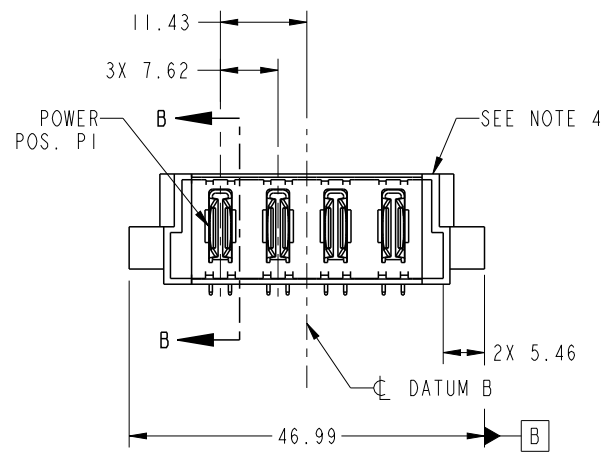
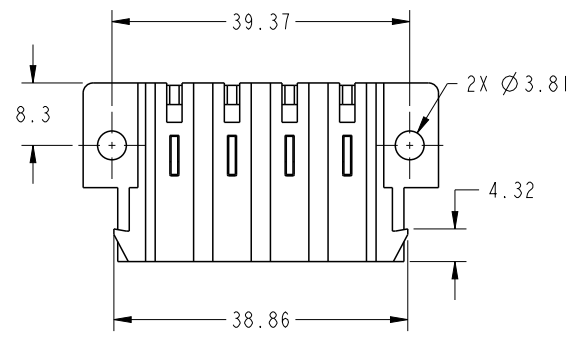




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PRODUCT NO.	POWER					
	E1	P1	P2	P3	P4	E2
51939-593-- NOTE 3		PA	PA	PA	PA	

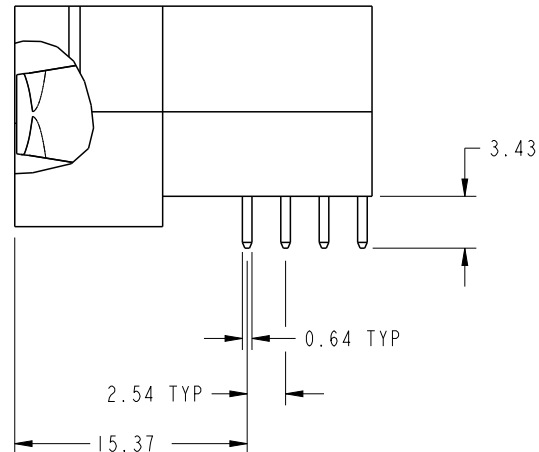


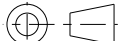



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[N/A]	POWER

spec ref		SEE NOTES			dr		Anson Liu		2011/05/23		projection		MM		size		A4		scale		1:1																		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Guang, Shi		2011/08/08						ecn no		ELX-DG-004720-1																						
see notes					chr		Tian-Xu Huang		2011/08/17																														
					appr		Pei-Ming Zheng		2011/08/17																														
					product family		PwrBlade										rel level		Released																				
surface				linear		0.X		±0.50				title		4ACP										dwg no		51939-593										rev		B	
				0.XX		±0.25																																	
				0.XXX		±0.10																																	
		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw										sheet 1 of 4																	

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PRODUCT NUMBER

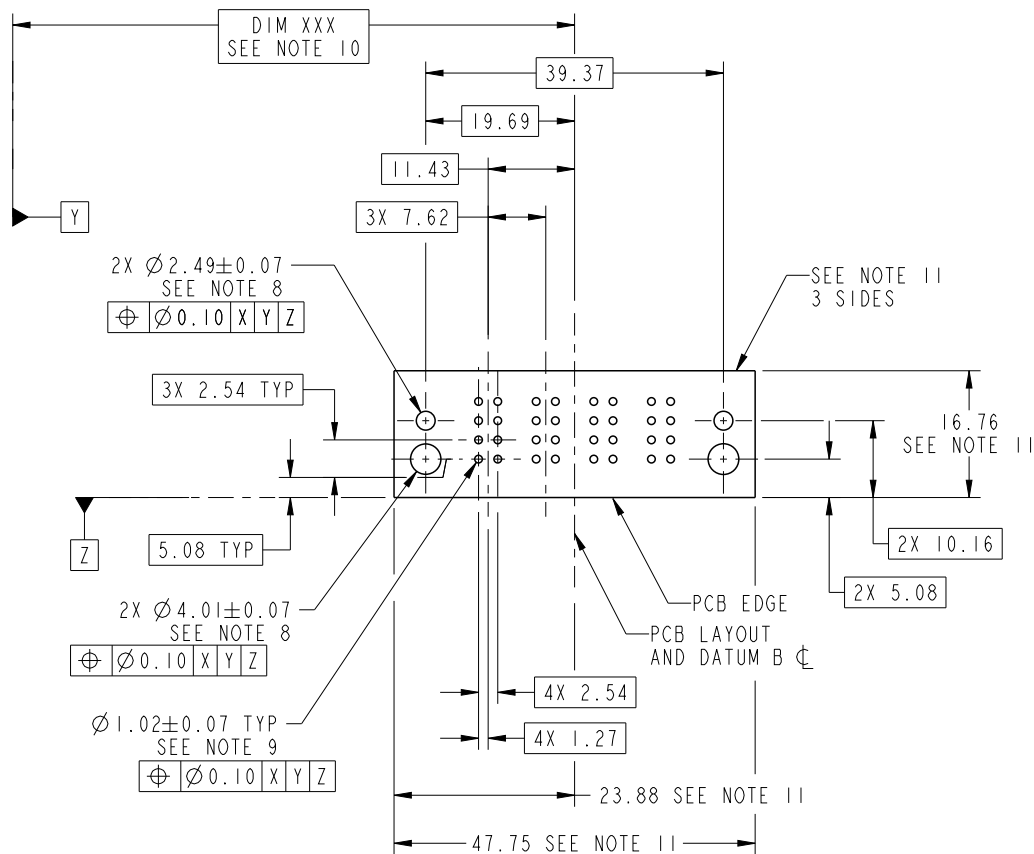
51939-593\_\_  
NOTE: 3BROKEN-OUT SECTION B-B  
SCALE 2:1

spec ref		SEE NOTES			dr	Anson Liu	2011/05/23	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1
tolerance std see notes	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guang, Shi	2011/08/08	ecn no			ELX-DG-004720-1			
				chr	Tian-Xu Huang	2011/08/17	rel level			Released			
				appr	Pei-Ming Zheng	2011/08/17	product family			PwrBlade			
surface 	linear	0.X	± 0.50		title	4ACP RIGHT ANGLE SOLDER HEADER			dwg no	51939-593		rev	B
		0.XX	± 0.25										
		0.XXX	± 0.10										
		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw			sheet 2 of 4			

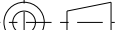


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# PRODUCT NUMBER

51939-593\_\_  
NOTE: 3



RECOMMENDED PCB LAYOUT

spec ref		SEE NOTES			dr		Anson Liu	2011/05/23	projection				MM		size		A4	scale		1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Guang, Shi	2011/08/08			ecn no		ELX-DG-004720-1							
see notes					chr		Tian-Xu Huang	2011/08/17					product family		PwrBlade		rel level		Released	
surface					appr		Pei-Ming Zheng	2011/08/17							51939-593		B			
linear		0.X	±0.50				4ACP		RIGHT ANGLE SOLDER HEADER		dwg no		51939-593				rev		B	
		0.XX	±0.25																	
		0.XXX	±0.10																	
angular		0°	±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 3 of 4									

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PRODUCT NUMBER  
51939-593\_\_  
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 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-593 AND 51939-593LF RESPECTIVELY.
  - 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.
  - 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  
 $\varnothing 1.02 \pm 0.07$  HOLE.
  - 10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
  - 11. CONNECTOR KEEP-OUT ZONE.

spec ref		SEE NOTES		dr	Anson Liu	2011/05/23	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
tolerance std see notes	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guang, Shi	2011/08/08			ecn no				ELX-DG-004720-1
				chr	Tian-Xu Huang	2011/08/17			rel level				Released
				appr	Pei-Ming Zheng	2011/08/17			product family		PwrBlade		
surface	<div>✓</div>	linear	0.X	±0.50	<div></div>	title	4ACP RIGHT ANGLE SOLDER HEADER		dwg no	51939-593		rev	B
			0.XX	±0.25									
			0.XXX	±0.10									
	angular	0°	±2°	www.fci.com									

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