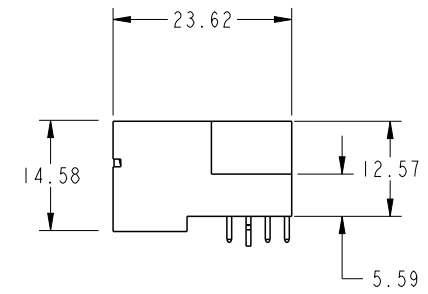
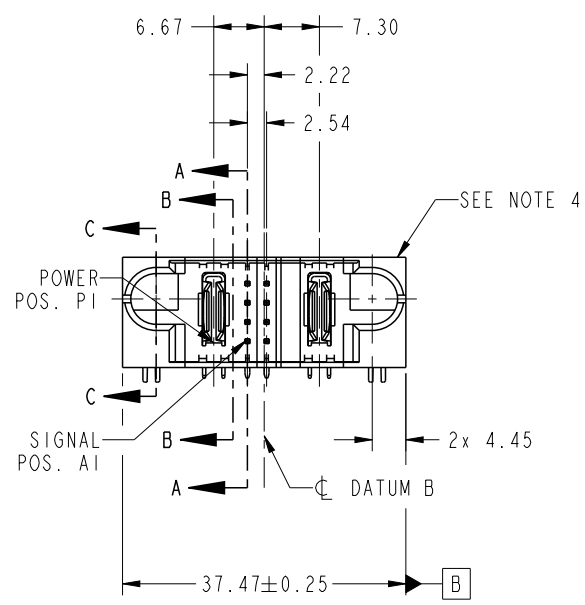




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PRODUCT NO.	ROWS		P	S	P	
		E1	P1	1 2	P2	E2
51939-966-- NOTE 3	DCB A		PA	UTTSRR	PA	



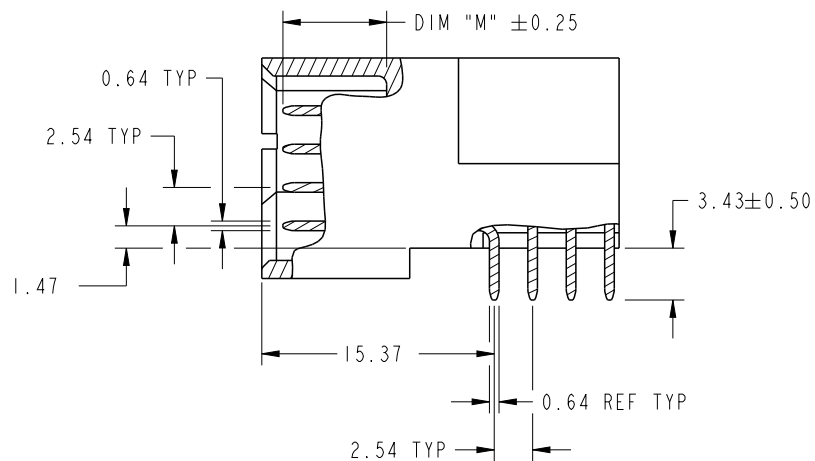
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN

spec ref *		dr		De-Ming Lu	2015/04/14	projection MM	size	A4	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu		2015/05/07	ecn no ELX-DG-20839-1				
chr				Fancy Zhang	2015/05/07							
ASME Y14.5				appr	Pei-Ming Zheng		2015/05/08	product family			PwrBlade	rel level
surface	linear	0.X	±0.5		title IP + 8S + IP RIGHT ANGLE SOLDER HEADER			dwg no	51939-966		rev	B
		0.XX	±0.25									
		0.XXX	±0.1									
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 1 of 4		

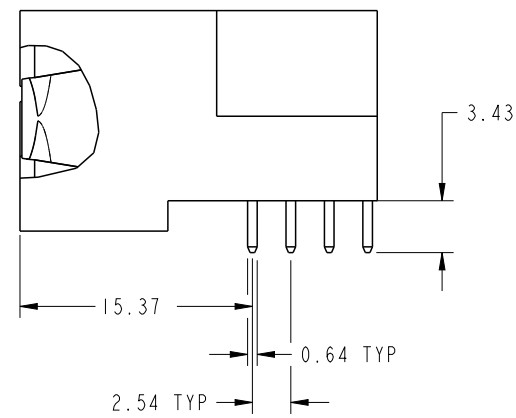
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

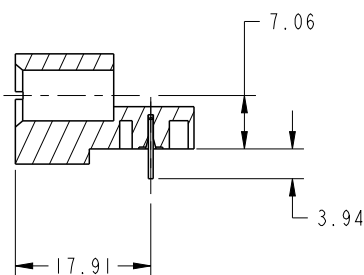
51939-966--
NOTE: 3



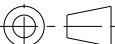
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

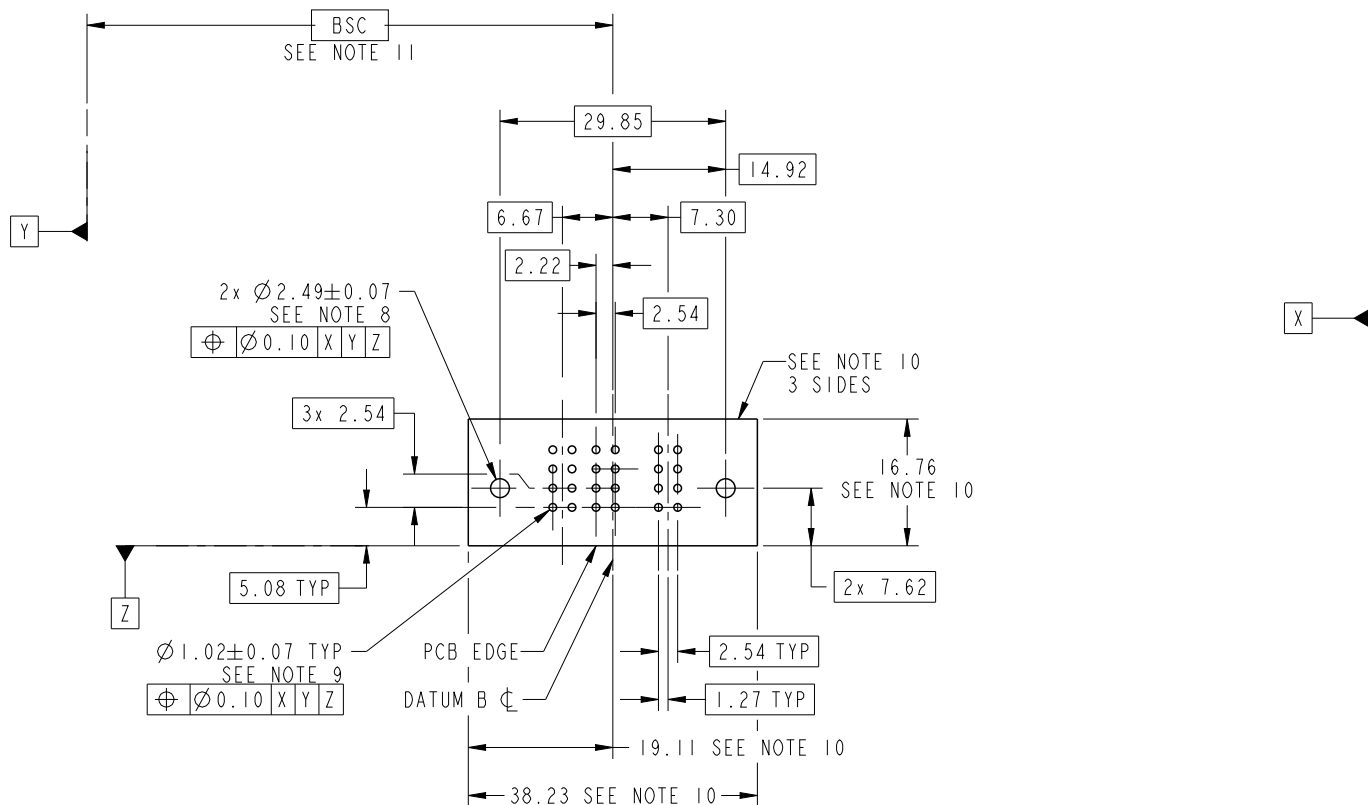


SECTION C-C

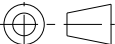
dr	De-Ming Lu	2015/04/14	projection 	MM 	size	A4	scale	1:1
eng	De-Ming Lu	2015/05/07			ecn no	ELX-DG-20839-1		
chr	Fancy Zhang	2015/05/07			rel level	Released		
appr	Pei-Ming Zheng	2015/05/08	product family		PwrBlade			
		title			IP + 8S + IP		rev	
					RIGHT ANGLE SOLDER HEADER		B	
		cat. no.		-		Product - Customer Drw		sheet 2 of 4

PRODUCT NUMBER

51939-966--
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	De-Ming Lu	2015/04/14	projection 	MM 	size	A4	scale	1:1			
eng	De-Ming Lu	2015/05/07			ecn no				ELX-DG-20839-1		
chr	Fancy Zhang	2015/05/07			rel level				Released		
appr	Pei-Ming Zheng	2015/05/08	product family			PwrBlade					
		title			IP + 8S + IP			dwg no		rev	
					RIGHT ANGLE SOLDER HEADER			51939-966			B
www.fci.com		cat. no.		-		Product - Customer Drw				sheet 3 of 4	



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PRODUCT NUMBER																																																										
51939-966-- 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 51939-966 AND 51939-966LF 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 $\varnothing 1.02 \pm 0.07$ HOLE.																																																										
10. CONNECTOR KEEP-OUT ZONE.																																																										
11. DATUM AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER.																																																										
12. A $\triangle B$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.																																																										
<table border="1"><tr><td>dr</td><td>De-Ming Lu</td><td>2015/04/14</td><td rowspan="3"> projection </td><td rowspan="3"> MM </td><td>size</td><td>A4</td><td>scale</td><td>1:1</td></tr><tr><td>eng</td><td>De-Ming Lu</td><td>2015/05/07</td><td>ecn no</td><td colspan="2">ELX-DG-20839-1</td></tr><tr><td>chr</td><td>Fancy Zhang</td><td>2015/05/07</td><td>rel level</td><td colspan="2">Released</td></tr><tr><td>appr</td><td>Pei-Ming Zheng</td><td>2015/05/08</td><td colspan="2">product family</td><td colspan="2">PwrBlade</td><td colspan="2"></td></tr><tr><td colspan="3"></td><td colspan="2">title</td><td colspan="2">IP + 8S + IP RIGHT ANGLE SOLDER HEADER</td><td>dwg no</td><td>51939-966</td></tr><tr><td colspan="3">www.fci.com</td><td colspan="2">cat. no.</td><td colspan="2">-</td><td colspan="2">Product - Customer Drw</td></tr><tr><td colspan="3"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">sheet 4 of 4</td></tr></table>		dr	De-Ming Lu	2015/04/14	projection	MM	size	A4	scale	1:1	eng	De-Ming Lu	2015/05/07	ecn no	ELX-DG-20839-1		chr	Fancy Zhang	2015/05/07	rel level	Released		appr	Pei-Ming Zheng	2015/05/08	product family		PwrBlade							title		IP + 8S + IP RIGHT ANGLE SOLDER HEADER		dwg no	51939-966	www.fci.com			cat. no.		-		Product - Customer Drw									sheet 4 of 4	
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