



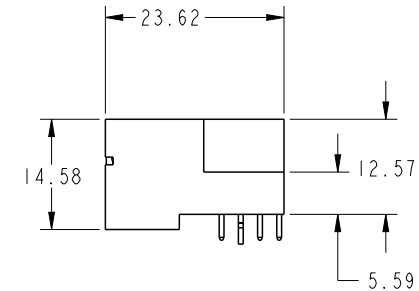
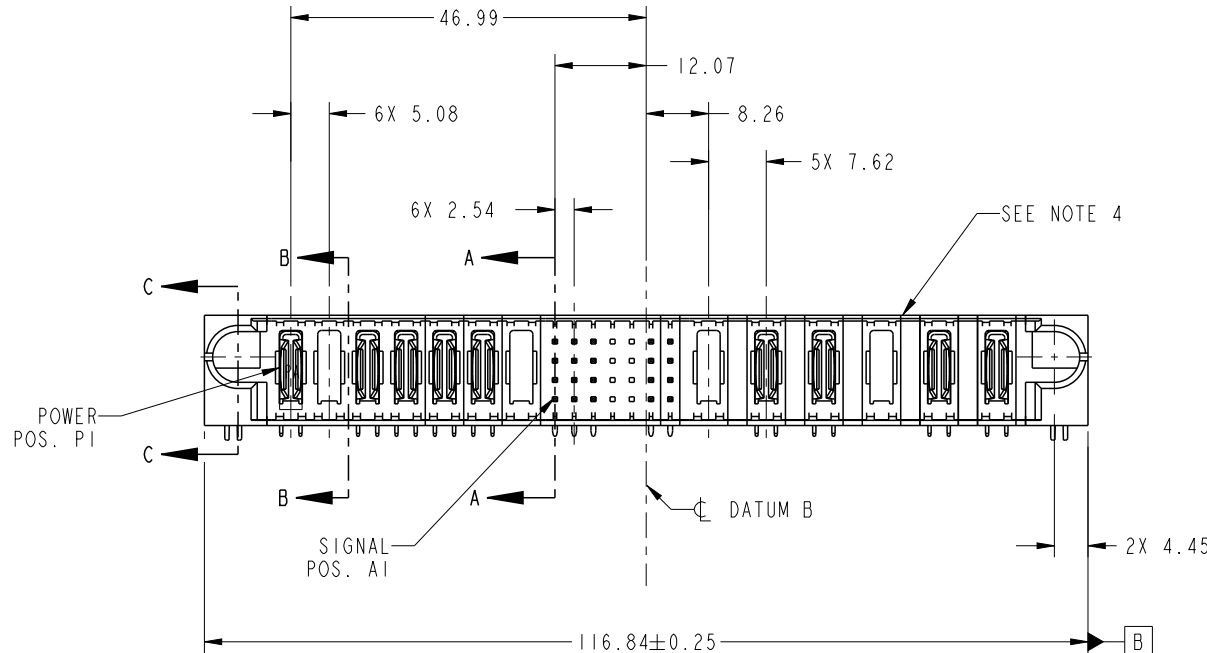




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PRODUCT NO.	ROWS		POWER							SIGNAL							POWER						
		E1	P1	P2	P3	P4	P5	P6	P7	1	2	3	4	5	6	7	P8	P9	P10	P11	P12	P13	E2
51939-663-- NOTE 3	D C B A		PA	X	PA	PA	PA	PA	X	UUUXXUH TTTXXTT SSSXXSS RRRXXRR							X	PA	PA	X	PA	PA	
			U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	



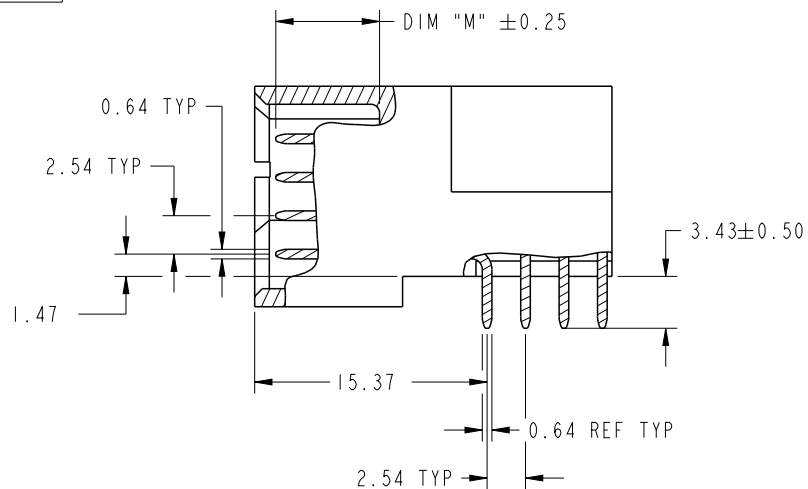
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER
HA	[N/A]	HOLD-DOWN
H	[5.59]	SIGNAL
X	OMITTED	OMITTED

spec ref		*		dr	X Q Wang	2012/04/10	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1						
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	X Q Wang	2012/04/18			ecn no	-								
				chr	-	-			rel level			Released						
				appr	Pei-Ming Zheng	2012/04/20							product family		PwrBlade			
SEE NOTE																		
surface	linear	0.X	±0.5		title			7P + 28S + 6ACP			dwg no		51939-663		rev		A	
		0.XX	±0.25															
		0.XXX	±0.1															
	angular	0°	±2°	www.fci.com	cat. no.			-	Product - Customer Drw			sheet 1 of 4						

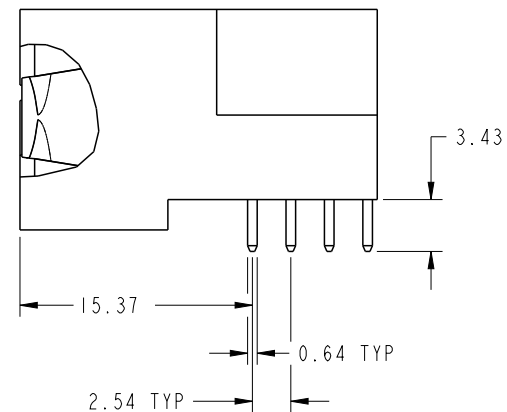
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

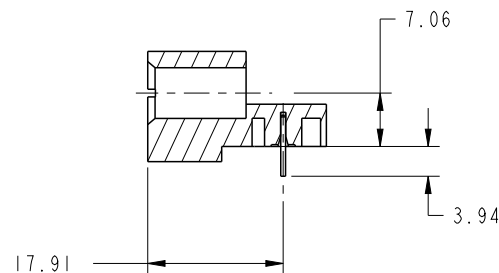
51939-663--
NOTE: 3



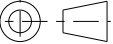

BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

dr	X Q Wang	2012/04/10	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1				
eng	X Q Wang	2012/04/18			ecn no		rel level	Released				
chr	-	-										
appr	Pei-Ming Zheng	2012/04/20	product family			PwrBlade						
FCI		title			7P + 28S + 6ACP		dwg no		51939-663		rev	
					RIGHT ANGLE SOLDER HEADER						A	
www.fci.com		cat. no.		-		Product - Customer Drw				sheet 2 of 4		



DIM XXX
SEE NOTE 10



A rectangular block labeled 'Y' with a horizontal line extending from its left side.

2X $\varnothing 2.49 \pm 0.07$
SEE NOTE 8

	0.10	X	Y	Z
---	--	---	---	---


B

3X 2.54TYP

$$Z$$

5.08 TYP

Ø 1.02 ± 0.07 TYP
SEE NOTE 9

	0.10	X	Y	Z
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—PCB EDGE

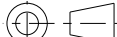


—PCB LAYOUT
AND DATUM B ϕ

—SEE NOTE 11
3 SIDES

— 16.76
SEE NOTE 11

 2×7.62

RECOMMENDED PCB LAYOUT

dr	X Q Wang	2012/04/10	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1					
eng	X Q Wang	2012/04/18			ecn no				-				
chr	-	-											
appr	Pei-Ming Zheng	2012/04/20	product family		PwrBlade		rel level		Released				
	title				7P + 28S + 6ACP				dwg no	51939-663		rev	A
www.fci.com		cat. no.		-		Product - Customer Drw				sheet 3 of 4			



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PRODUCT NUMBER																																																											
51939-663-- 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 51939-663 AND 51939-663LF 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.																																																											
<table border="1"><tr><td>dr</td><td>X Q Wang</td><td>2012/04/10</td><td rowspan="3"></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>X Q Wang</td><td>2012/04/18</td><td>ecn no</td><td>-</td></tr><tr><td>chr</td><td>-</td><td>-</td><td colspan="2"></td></tr><tr><td>appr</td><td>Pei-Ming Zheng</td><td>2012/04/20</td><td>product family</td><td>PwrBlade</td><td>rel level</td><td colspan="3">Released</td></tr><tr><td colspan="2"></td><td colspan="3">title</td><td colspan="2">7P + 28S + 6ACP</td><td>dwg no</td><td>51939-663</td><td>rev</td></tr><tr><td colspan="2"></td><td colspan="3"></td><td colspan="2">RIGHT ANGLE SOLDER HEADER</td><td colspan="2"></td><td>A</td></tr><tr><td colspan="2">www.fci.com</td><td colspan="2">cat. no.</td><td>-</td><td colspan="3">Product - Customer Drw</td><td colspan="2">sheet 4 of 4</td></tr></table>		dr	X Q Wang	2012/04/10		MM	size	A4	scale	1:1	eng	X Q Wang	2012/04/18	ecn no	-	chr	-	-			appr	Pei-Ming Zheng	2012/04/20	product family	PwrBlade	rel level	Released					title			7P + 28S + 6ACP		dwg no	51939-663	rev						RIGHT ANGLE SOLDER HEADER				A	www.fci.com		cat. no.		-	Product - Customer Drw			sheet 4 of 4	
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