

















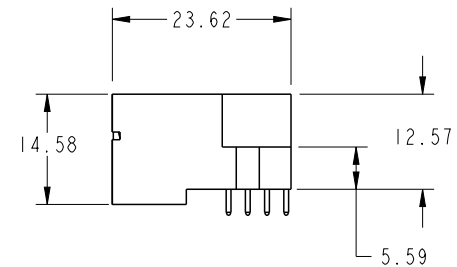
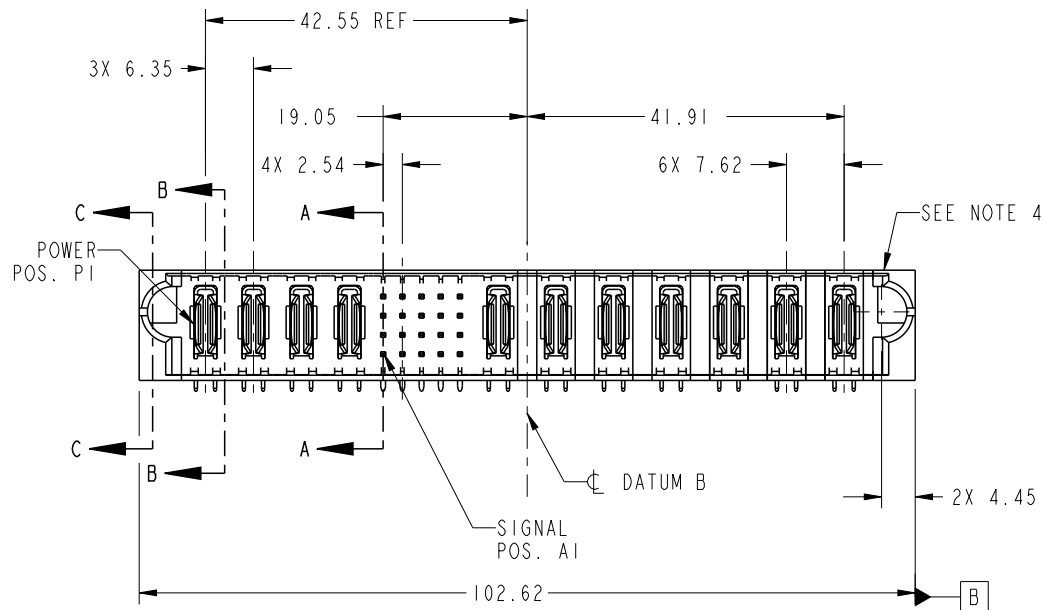




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PRODUCT NO.	ROWS	POWER					SIGNAL				POWER						E2		
		E1	P1	P2	P3	P4	1	2	3	4	5	P5	P6	P7	P8	P9		P10	P11
51939-594-- NOTE 3	D C B A																		



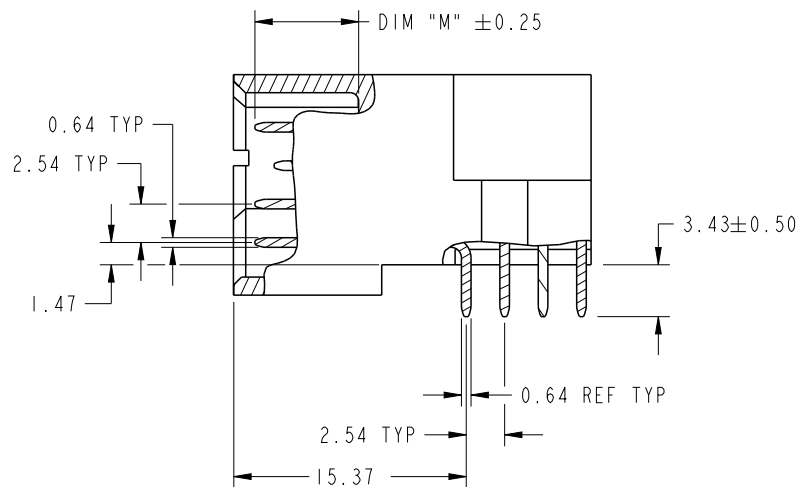
CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
T	[6.86]	SIGNAL
PA	[N/A]	POWER
G	[5.59]	SIGNAL

spec ref		SEE NOTES				dr	Anson Liu	2011/05/25	<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	2011/08/16	ecn no			-			
					chr	-	-	rel level			Released			
					appr	Pei-Ming Zheng	2011/08/16	product family			PwrBlade			
surface	linear	0.X	±0.50		title	4P + 20S + 7ACP RIGHT ANGLE SOLDER HEADER				dwg no	51939-594		rev	A
		0.XX	±0.25											
		0.XXX	±0.10											
	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw				sheet 1 of 4				

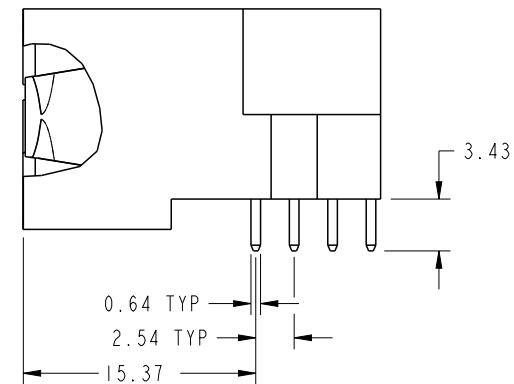
PrintE File - REV C - 2009-06-09

PRODUCT NUMBER

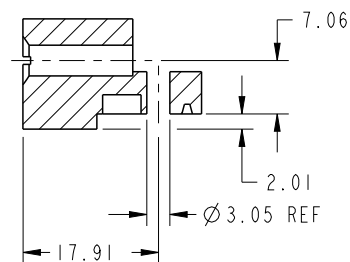
51939-594:--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1

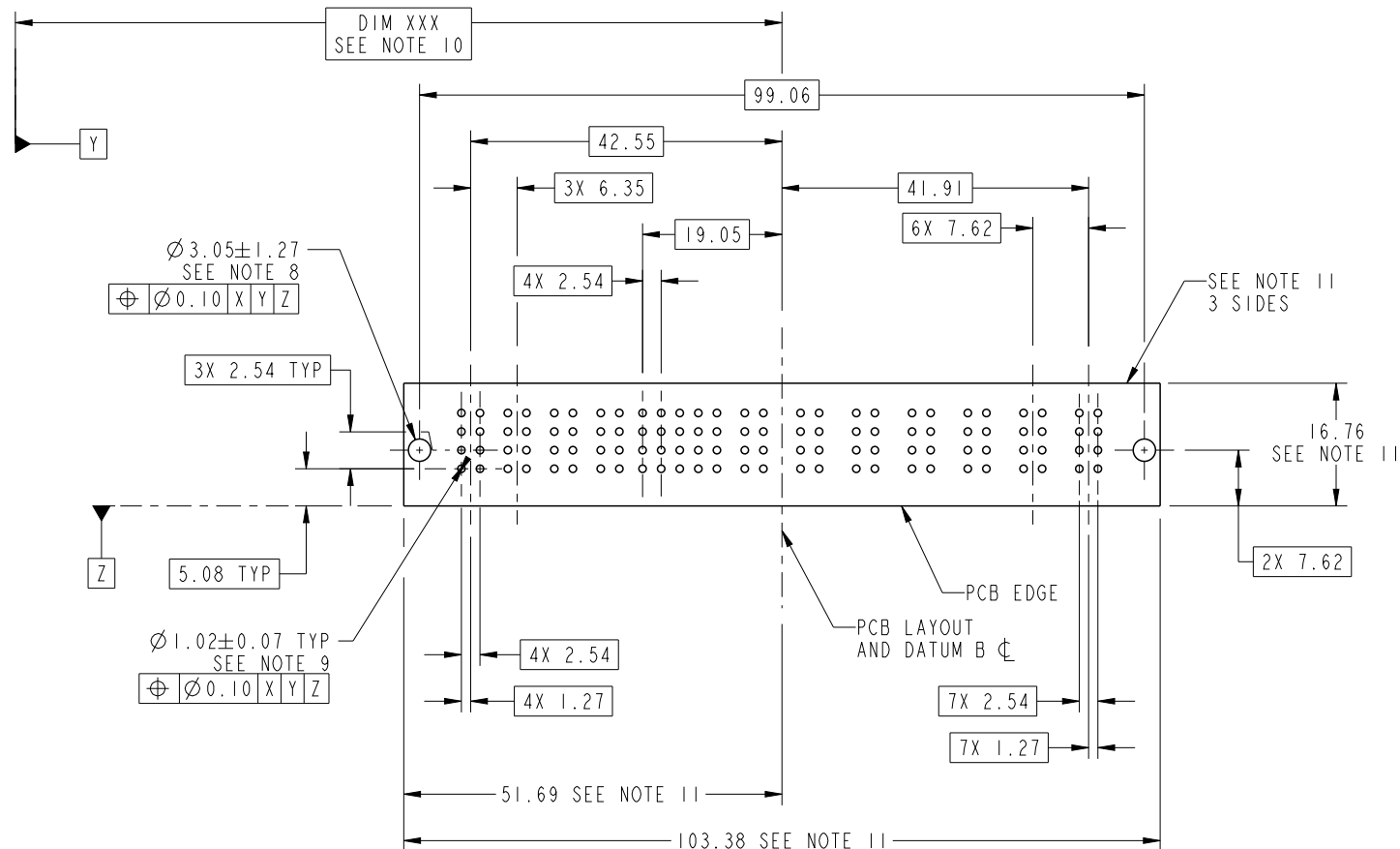


BROKEN-OUT SECTION B-B
SCALE 2:1

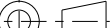




SECTION C-C

dr	Anson Liu	2011/05/25	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1		
eng	Guang, Shi	2011/08/16			ecn no	-				
chr	-	-			rel level	Released				
appr	Pei-Ming Zheng	2011/08/16	product family		PwrBlade					
<div>FCI</div>		title			4P + 20S + 7ACP	dwg no	51939-594		rev	
		RIGHT ANGLE SOLDER HEADER					A			
www.fci.com		cat. no.		Product - Customer Drw				sheet 2 of 4		



RECOMMENDED PCB LAYOUT

dr	Anson Liu	2011/05/25	projection 	MM 	size	A4	scale	1:1
eng	Guang, Shi	2011/08/16			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2011/08/16	product family		PwrBlade			
			title 4P + 20S + 7ACP RIGHT ANGLE SOLDER HEADER		dwg no 51939-594		rev A	
www.fci.com			cat. no.		Product - Customer Drw			sheet 3 of 4



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PRODUCT NUMBER
51939-594:-- 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 51939-594 AND 51939-594LF 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.

dr	Anson Liu	2011/05/25	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A4	scale	1:1	
eng	Guang, Shi	2011/08/16			ecn no -				
chr	-	-							
appr	Pei-Ming Zheng	2011/08/16	product family		PwrBlade	rel level Released			
<div></div>		title			4P + 20S + 7ACP		dwg no		rev
					RIGHT ANGLE SOLDER HEADER		51939-594		A
www.fci.com		cat. no.		Product - Customer Drw				sheet 4 of 4	