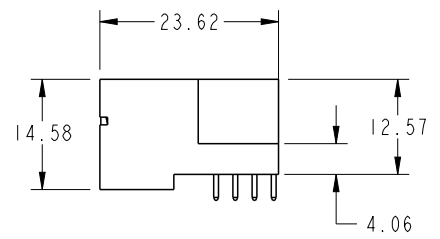
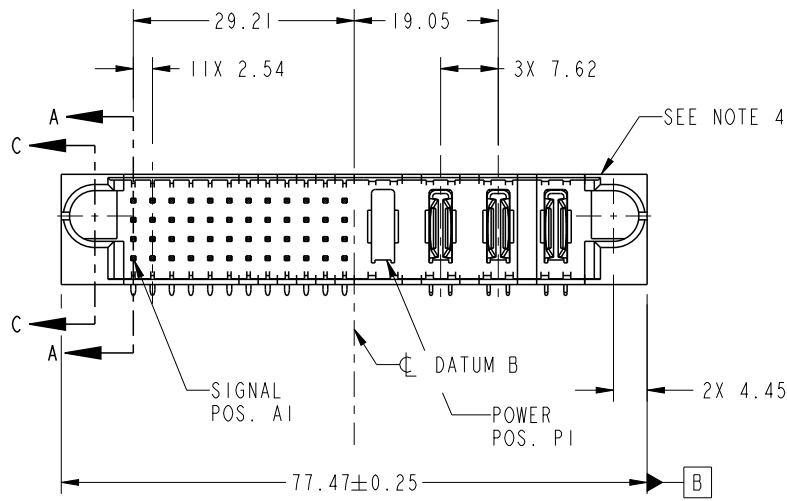


PRODUCT NO.	ROWS	SIGNAL												POWER				
		E1	1	2	3	4	5	6	7	8	9	10	11	12	P1	P2	P3	P4
51939-629-- NOTE 3	D C B A																	



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

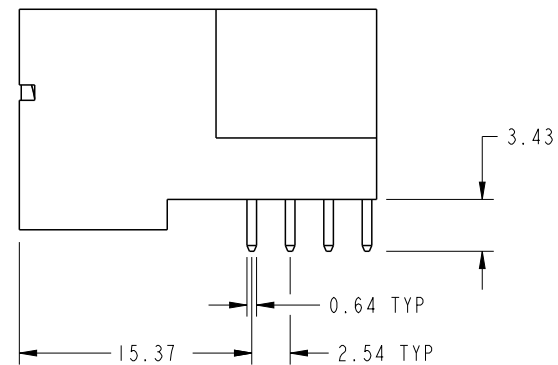
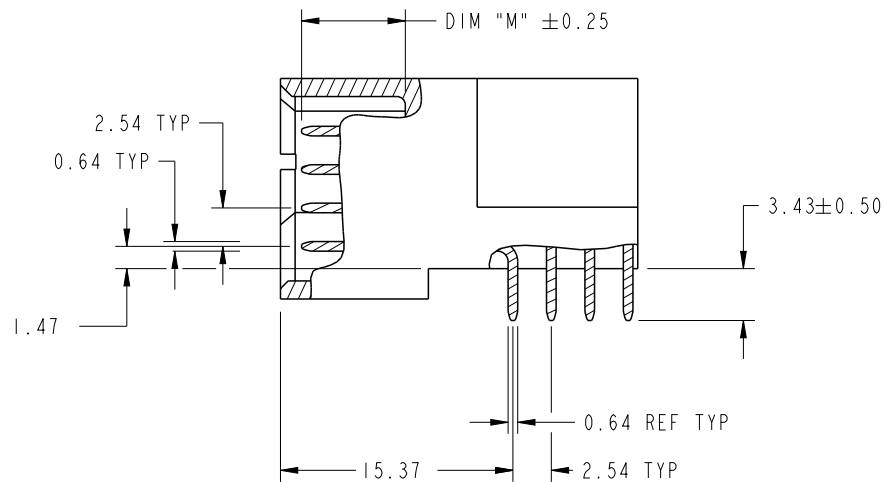
spec ref		SEE NOTES		dr	Guang, Shi	2011/10/21	projection 	MM ←→	size	A4	scale	1:1				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Guang, Shi	2011/11/15			ecn no	-	rel level			Released		
SEE NOTES				chr	-	-					product family			PwrBlade		
surface	✓	linear	0.X	±0.50	FCI	title	48S + 4ACP		dwg no	51939-629		rev	A			
			0.XX	±0.25									www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 4
			0.XXX	±0.10												
angular	0°	±2°														



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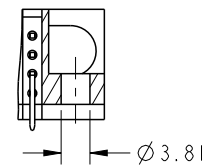
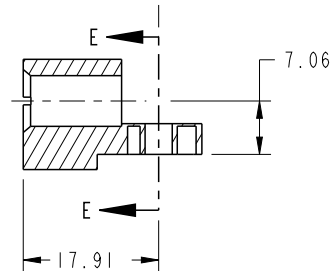
PRODUCT NUMBER

51939-629__
NOTE: 3



SCALE 2:1

BROKEN-OUT SECTION A-A
SCALE 2:1



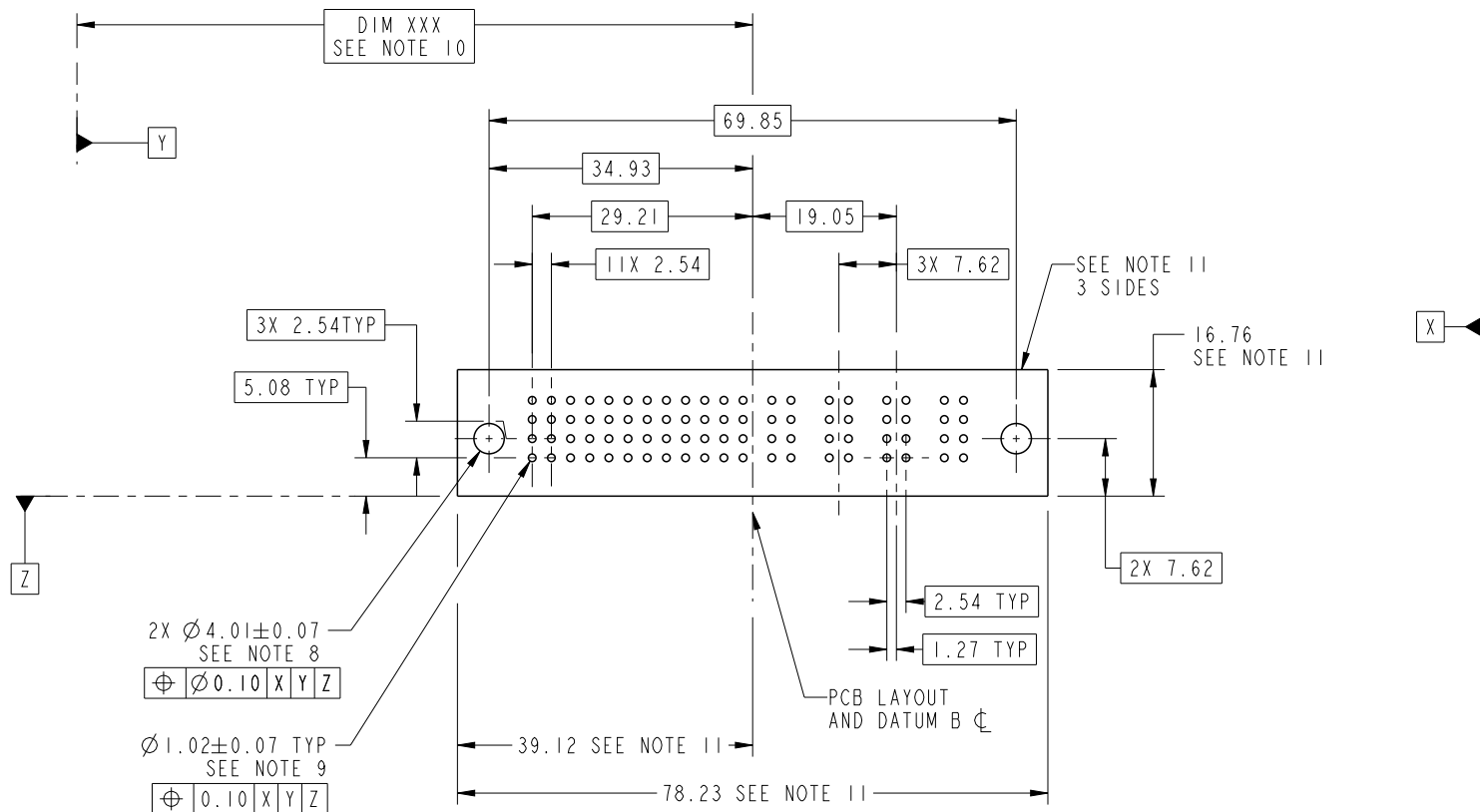
PARTIAL SECTION E-E

SECTION C-C

dr	Guang, Shi	2011/10/21	projection 	MM 	size	A4	scale	1:1
eng	Guang, Shi	2011/11/15			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2011/11/15	product family	PwrBlade	rev	A		
	title	48S + 4ACP RIGHT ANGLE SOLDER HEADER		dwg no	51939-629			
www.fci.com	cat. no.	Product - Customer Drw			sheet 2 of 4			

PRODUCT NUMBER

51939-629__
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Guang, Shi	2011/10/21	projection 	MM 	size	A4	scale	1:1
eng	Guang, Shi	2011/11/15			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2011/11/15	product family	PwrBlade	rev	A		
	title	48S + 4ACP RIGHT ANGLE SOLDER HEADER		dwg no	51939-629	sheet 3 of 4		
www.fci.com	cat. no.	Product - Customer Drw			sheet 3 of 4			

PRODUCT NUMBER

51939-629__
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 51939-629 AND 51939-629LF 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	Guang, Shi	2011/10/21	projection 	MM 	size	A4	scale	1:1			
eng	Guang, Shi	2011/11/15			ecn no	-					
chr	-	-			product family	PwrBlade	rel level	Released			
appr	Pei-Ming Zheng	2011/11/15			title	48S + 4ACP		dwg no	51939-629	rev	A
www.fci.com		cat. no.	Product - Customer Drw			sheet 4 of 4					



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