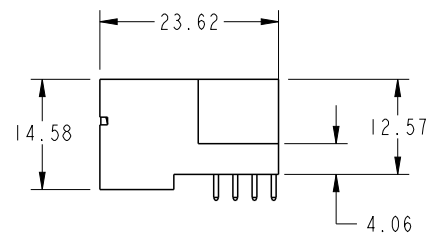
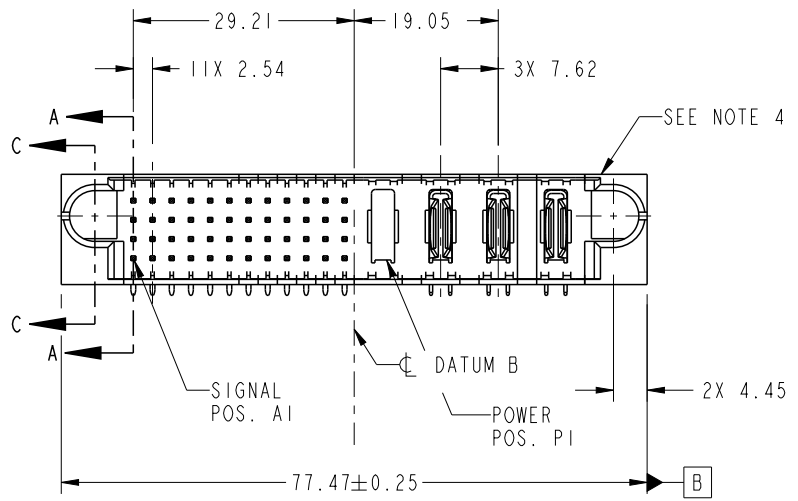




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PRODUCT NO.	ROWS	SIGNAL												POWER				E2	
		E1	1	2	3	4	5	6	7	8	9	10	11	12	P1	P2	P3		P4
51939-629-- NOTE 3	D C B A		U	U	U	U	U	U	U	U	U	U	U	U	X	PA	PA	PA	
			S	S	S	S	S	S	S	S	S	S	S	S					
			R	R	R	R	R	R	R	R	R	R	R	R					
			U	U	U	U	U	U	U	U	U	U	U	U		U	U	U	U

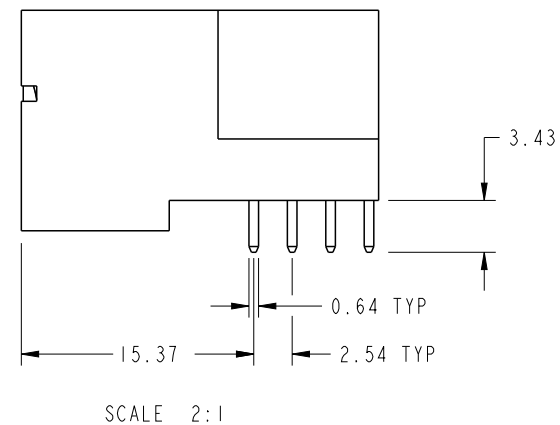
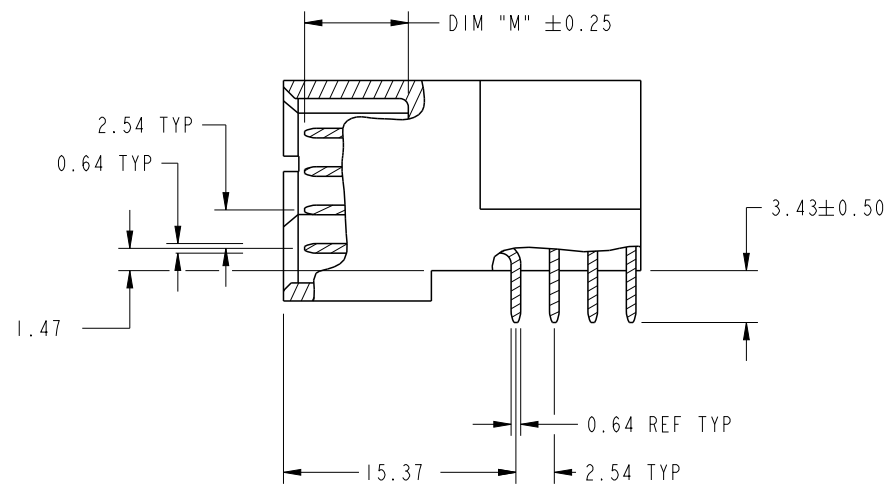


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	[6.86]	SIGNAL
T	[6.86]	SIGNAL
S	[6.86]	SIGNAL
R	[6.86]	SIGNAL
PA	[N/A]	POWER

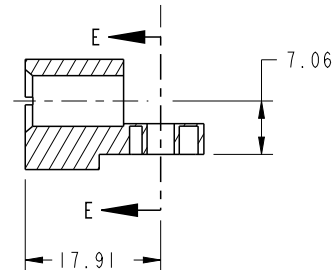
spec ref		SEE NOTES		dr	Guang, Shi	2011/10/21	projection 	MM 	size	A4	scale	1:1	
tolerance std SEE NOTES	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guang, Shi	2011/11/15			ecn no	-			
				chr	-	-			rel level	Released			
				appr	Pei-Ming Zheng	2011/11/15	product family		PwrBlade				
surface ✓	linear	0.X	±0.50		title 48S + 4ACP RIGHT ANGLE SOLDER HEADER				dwg no	51939-629		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		

PRODUCT NUMBER

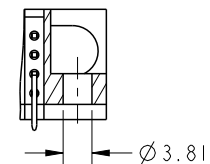
51939-629__
NOTE: 3



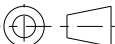
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C

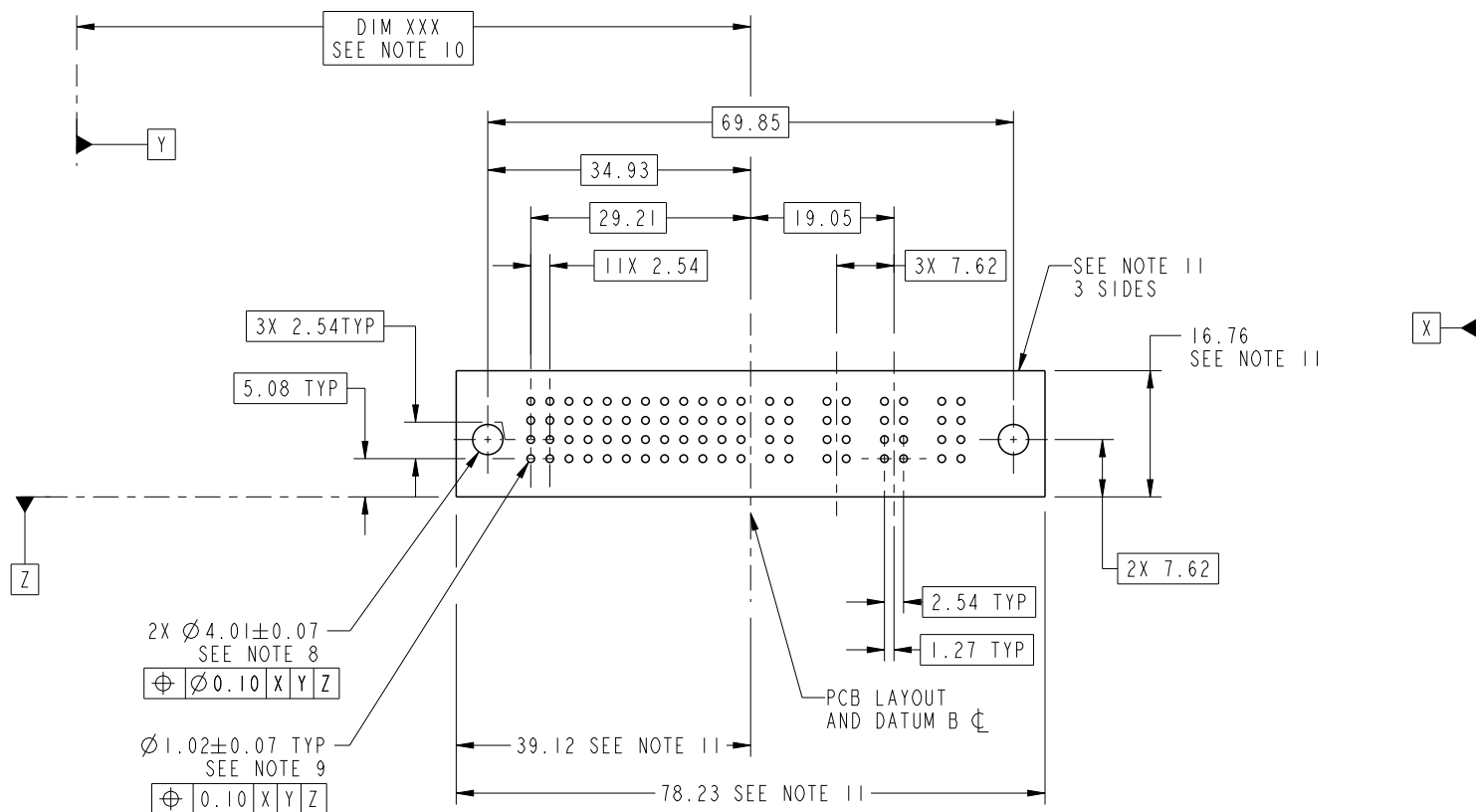


PARTIAL SECTION E-E

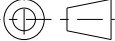
dr	Guang, Shi	2011/10/21	projection 	MM 	size	A4	scale	1:1					
eng	Guang, Shi	2011/11/15			ecn no		rel level	Released					
chr	-	-											
appr	Pei-Ming Zheng	2011/11/15	product family			PwrBlade							
		title			48S + 4ACP		dwg no		51939-629		rev		
					RIGHT ANGLE SOLDER HEADER								A
www.fci.com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



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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	-	-			rel level				Released
appr	Pei-Ming Zheng	2011/11/15	product family		PwrBlade				
		title			dwg no			rev	
www.fci.com		cat. no.			Product - Customer Drw			sheet 4 of 4	
		48S + 4ACP			51939-629			A	
		RIGHT ANGLE SOLDER HEADER							