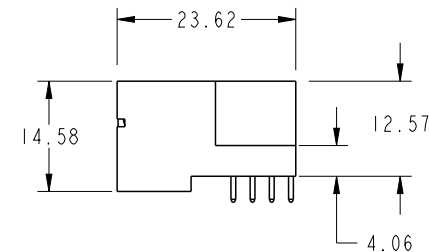
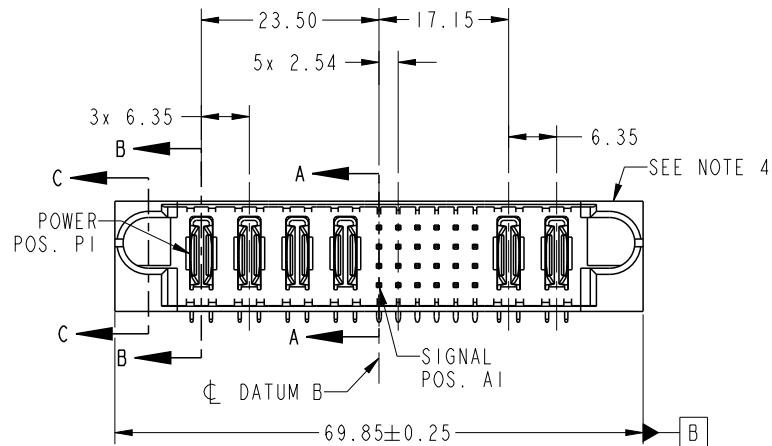




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PRODUCT NO.	ROW S		POWER				SIGNAL						POWER		
		E1	P1	P2	P3	P4	1	2	3	4	5	6	P5	P6	E2
51730-123LF-SA NOTE 3	D C B A		 PA	 PA	 PA	 PA	 UUUUUU	 UUUUUU	 UUUUUU	 UUUUUU	 UUUUUU	 UUUUUU	 PA	 PA	



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

spec ref		*		dr	Luo Weller	2014/07/02	projection	MM	size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Luo Weller	2014/08/05			ecn no		-		
				chr	-	-			rel level		Released		
				appr	Pei-Ming Zheng	2014/08/05			product family		PwrBlade		
surface		✓	linear	0.X	±0.5		title	4P + 24S + 2P	RIGHT ANGLE SOLDER HEADER	dwg no	51730-123LF-SA	rev	A
		0.XX	±0.25										
		0.XXX	±0.1										
	angular	0°	±2°	www.fci.com	cat. no.	51730-123	Product - Customer Drw			sheet 1 of 4			

PrintE File - REV C - 2009-06-09

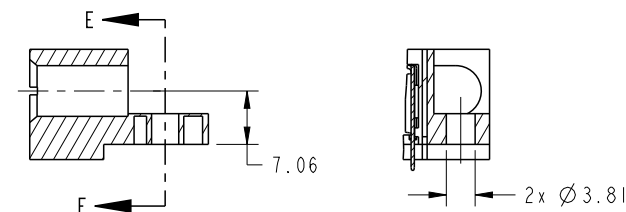
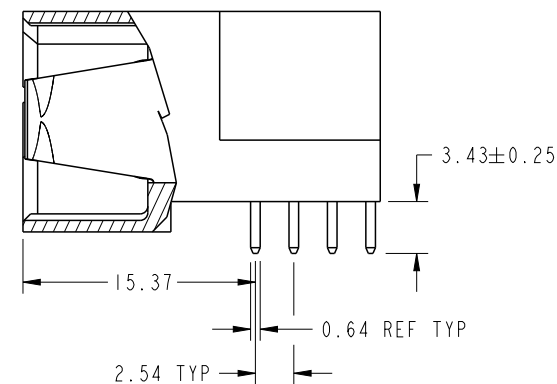
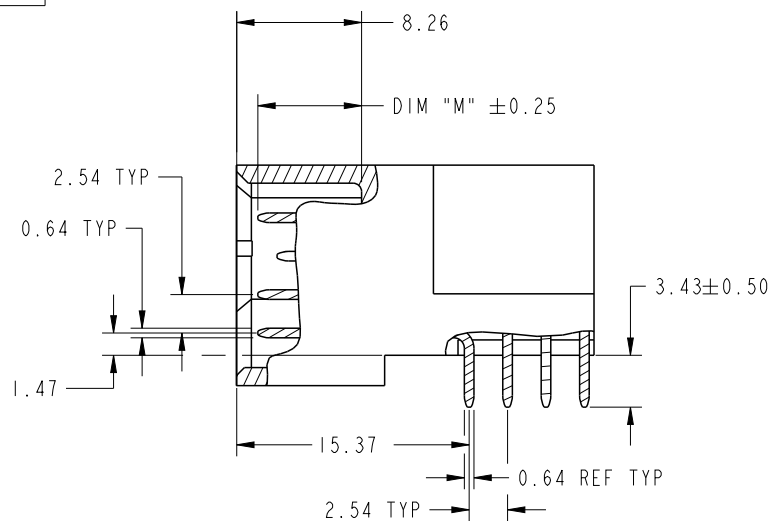
PDS: Rev :A

STATUS:Released

Printed: Aug 05, 2014

PRODUCT NUMBER

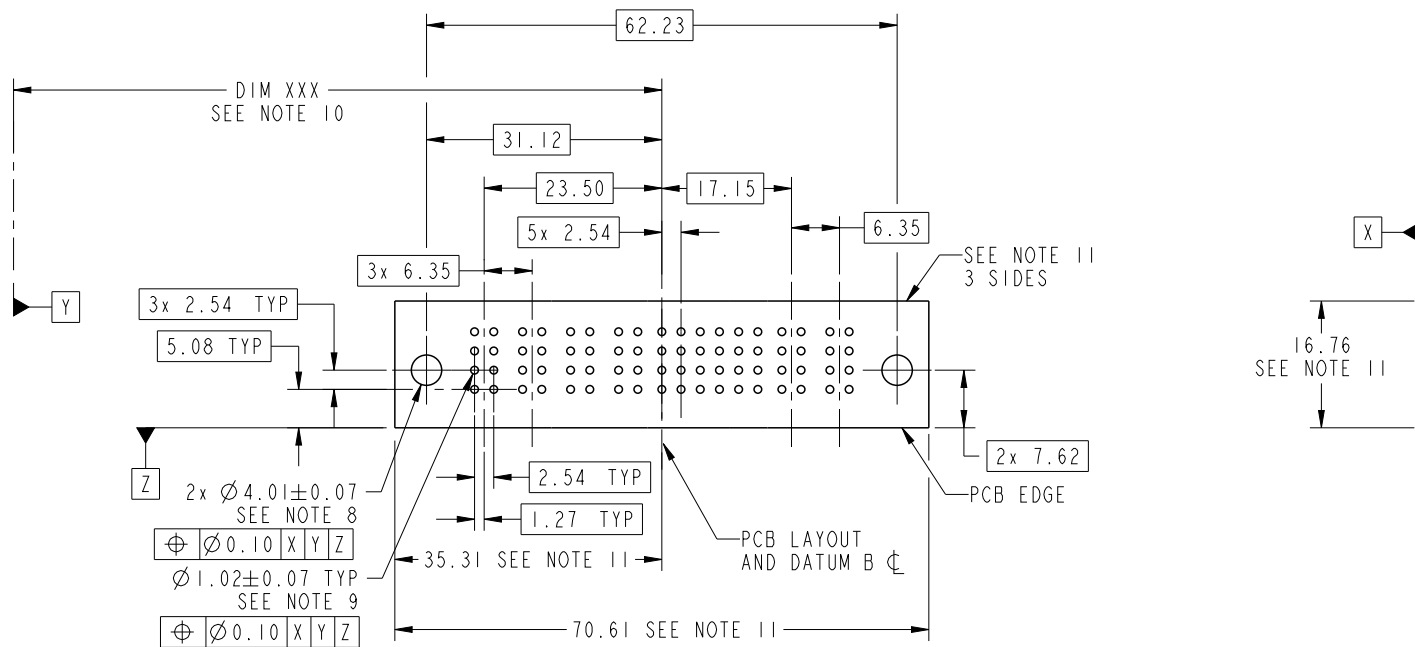
51730-123LF-SA
NOTE 3



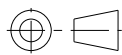
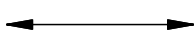
SECTION C-C

dr	Luo Weller	2014/07/02	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2014/08/05			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/08/05	product family	PwrBlade				
	title	4P + 24S + 2P RIGHT ANGLE SOLDER HEADER	dwg no	51730-123LF-SA	rev	A		
www.fci.com	cat. no.	51730-123	Product - Customer Drw	sheet 2 of 4				

PRODUCT NUMBER

51730-123LF-SA
NOTE 3

RECOMMENDED PCB LAYOUT

dr	Luo Weller	2014/07/02	projection 	MM 	size	A4	scale	1:1		
eng	Luo Weller	2014/08/05			ecn no	-				
chr	-	-			rel level	Released				
appr	Pei-Ming Zheng	2014/08/05	product family		PwrBlade					
FCI		title			4P + 24S + 2P		dwg no	51730-123LF-SA	rev	
		RIGHT ANGLE SOLDER HEADER						A		
www.fci.com		cat. no.		51730-123	Product - Customer Drw			sheet 3 of 4		



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PRODUCT NUMBER
51730-123LF-SA
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. PLATING
SEE ITEM 2 IN PRINT 10125789 FOR PLATING SPEC OF 51730-123LF-SA.
- 4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR 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 OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.
- 10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- 11. CONNECTOR KEEP-OUT ZONE.

dr	Luo Weller	2014/07/02	projection	MM	size	A4	scale	1:1			
eng	Luo Weller	2014/08/05			ecn no	-					
chr	-	-									
appr	Pei-Ming Zheng	2014/08/05	product family		PwrBlade	rel level			Released		
	title				4P + 24S + 2P		dwg no		51730-123LF-SA	rev	A
				RIGHT ANGLE SOLDER HEADER							
www.fci.com		cat. no.		51730-123		Product - Customer Drw				sheet 4 of 4	