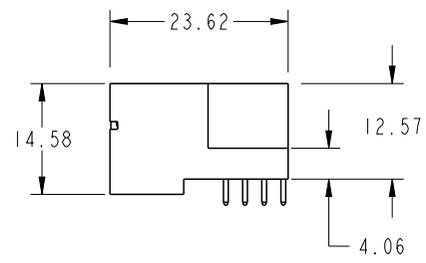
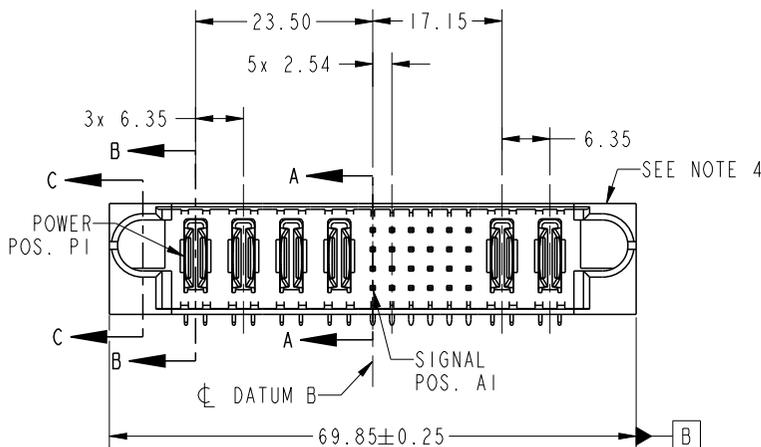


PRODUCT NO. 51730-123LF-SA NOTE 3	ROWS DCBA	POWER				SIGNAL						POWER		E2
		E1	P1	P2	P3	P4	1	2	3	4	5	6	P5	



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

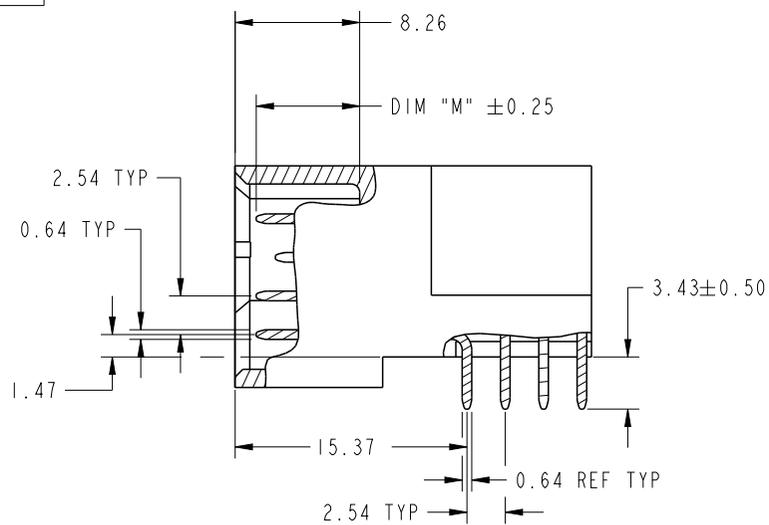
spec ref	*	dr	Luo Weller	2014/07/02	projection	MM	size	A4	scale	1:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Luo Weller	2014/08/05			ecn no	-	rel level	Released			
SEE NOTES		chr	-	-									
surface	linear	0.X	±0.5		title	4P + 24S + 2P	dwg no	51730-123LF-SA	rev	A			
✓		0.XX	±0.25	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



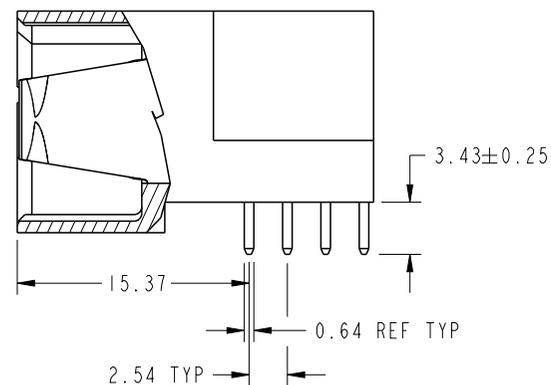
Copyright FCI.

PRODUCT NUMBER

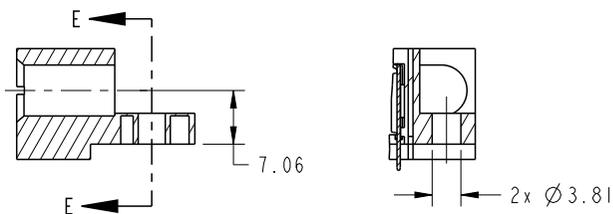
51730-123LF-SA  
NOTE 3



BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1



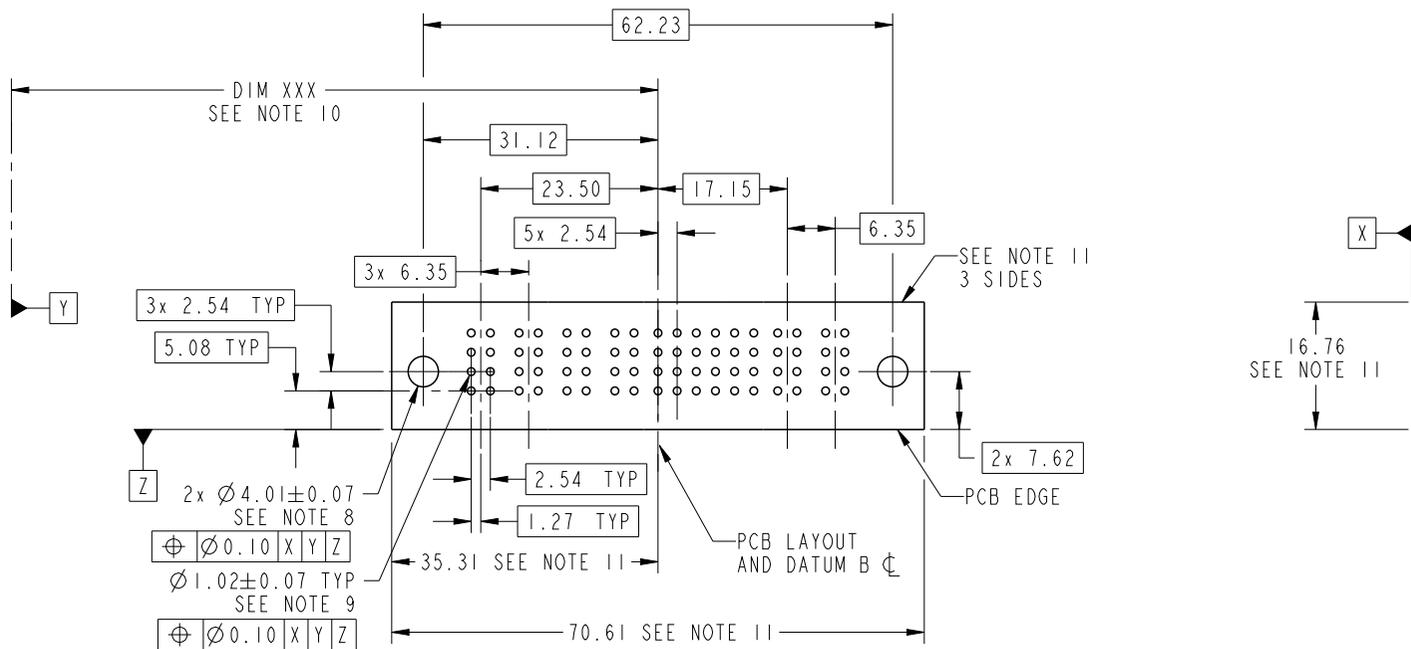
SECTION C-C

PARTIAL SECTION E-E

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	rev	A		
	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	rev	A		
	title	4P + 24S + 2P RIGHT ANGLE SOLDER HEADER		dwg no	51730-123LF-SA			
www.fci.com	cat. no.	51730-123	Product - Customer Drw		sheet 3 of 4			

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.



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