

Excellent Integrated System Limited

Stocking Distributor

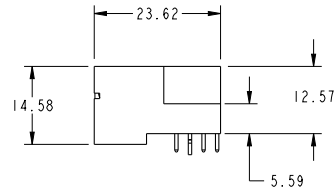
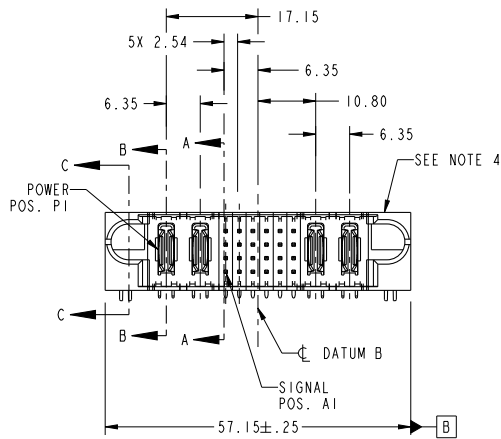
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[51730-197LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	ROW S	POWER			SIGNAL						POWER			
		E1	P1	P2	1	2	3	4	5	6	P3	P4	E2	
51730-197-- NOTE ③	D C B A		PA	PA		1S	2S	3S	4S	5S	6S	PA	PA	



CODE	DIM "M"	MATING LENGTH	CONTACT TYPE
PA	N/A	[N/A]	POWER
HA	N/A	[N/A]	HOLD-DOWN
R	.270	[6.86]	SIGNAL
S	.270	[6.86]	SIGNAL
T	.270	[6.86]	SIGNAL
U	.270	[6.86]	SIGNAL
F	.220	[5.59]	SIGNAL
G	.220	[5.59]	SIGNAL
H	.220	[5.59]	SIGNAL

spec ref		SEE NOTES			dr	Guang, Shi	2011/07/07	projection 	MM 	size	A4	scale	1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Guang, Shi	2011/07/26			ecn no	-			
SEE NOTES					chr	-	-							
		appr			Pei-Ming Zheng	2011/07/26	product family			PwrBlade	rel level		Released	
surface ✓	linear	0.X	±0.50			title2P + 24S + 2P RIGHT ANGLE SOLDER HEADER					dwg no51730-197		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	

Print File : REV C - 2009-08-09

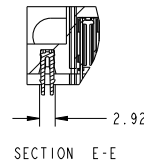
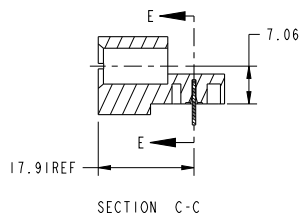
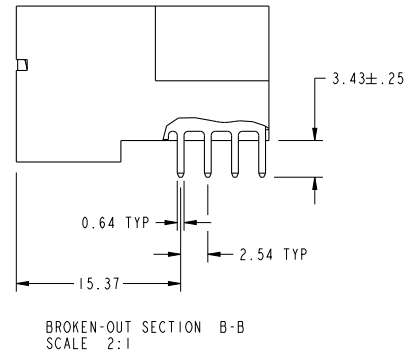
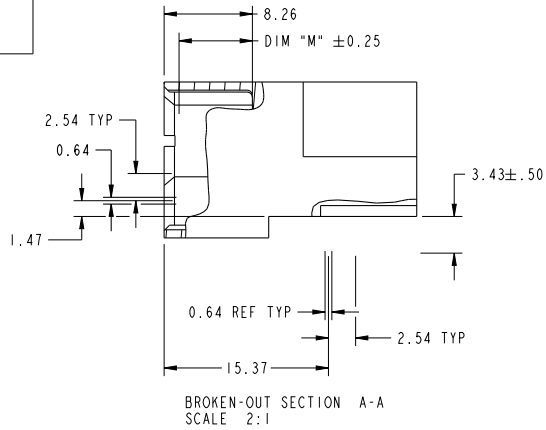
PDS: Rev :A

STATUS:Released

Printed: Jul 26, 2011

PRODUCT NUMBER

51730-197
NOTE (3)



spec ref		SEE NOTES		dr	Guang, Shi	2011/07/07	projection		MM	size	A4	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Guang, Shi	2011/07/26					ecn no		-
SEE NOTES				chr	-	-							
				appr	Pei-Ming Zheng	2011/07/26	product family		PwrBlade	rel level		Released	
surface	linear	0.X	±0.50		title 2P + 24S + 2P RIGHT ANGLE SOLDER HEADER				dwg no	51730-197		rev	A
		0.XX	±0.25										
		0.XXX	±0.10										
	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw				sheet 2 of 4		

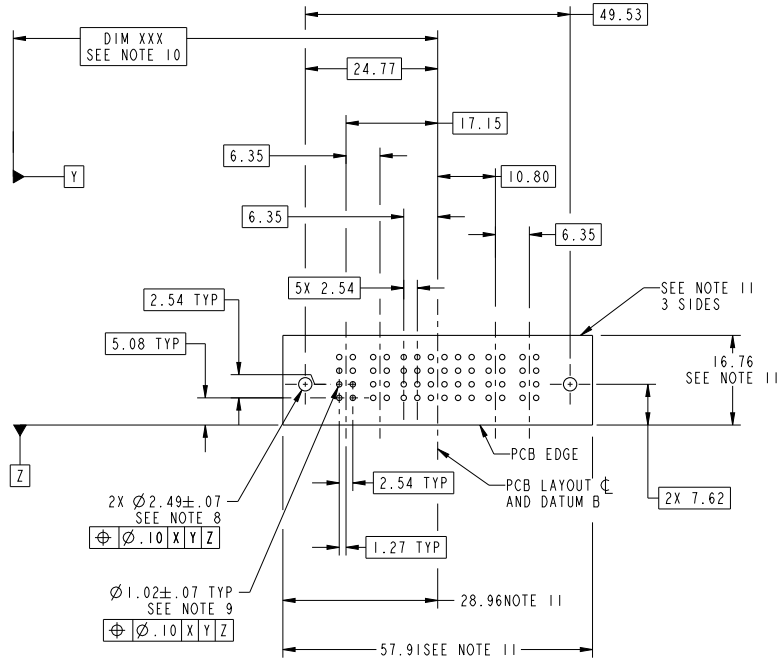
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PRODUCT NUMBER
model_name: I--
NOTE ③



RECOMMENDED PCB LAYOUT

spec ref		SEE NOTES		dr	Guang, Shi	2011/07/07	projection		MM	size	A4	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Guang, Shi	2011/07/26					ecn no	-	rel level
SEE NOTES				chr	-	-	product family	PwrBlade					
		appr	Pei-Ming Zheng	2011/07/26									
surface	linear	0.X	±0.50		title 2P + 24S + 2P RIGHT ANGLE SOLDER HEADER				dwg no	51730-197		rev	A
		0.XX	±0.25										
		0.XXX	±0.10										
	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw				sheet 3 of 4			

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cat. no.

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51730-197
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 51730-197 AND 51730-197LF 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.

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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Guang, Shi		2011/07/26						A4		1:1						
SEE NOTES					chr		-		-		ecn no		-										
					appr		Pei-Ming Zheng		2011/07/26		product family				PwrBlade		rel level		Released				
surface ✓		linear		0.X		±0.50		FCI		time		2P + 24S + 2P				dwg no		51730-197		rev		A	
				0.XX		±0.25																	
		0.XXX		±0.10		www.fci.com																	
angular		0°		±2°																			

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1

2

3

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