

Excellent Integrated System Limited

Stocking Distributor

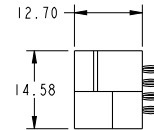
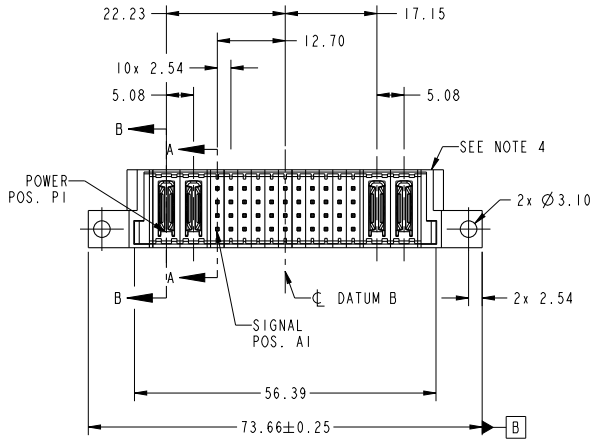
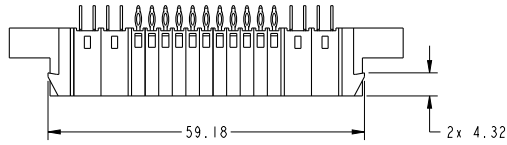
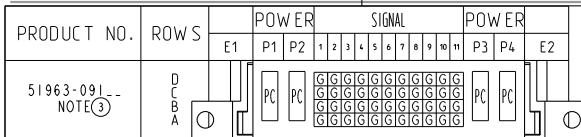
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[FCI](#)

[51963-091LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[N/A]	POWER
G	[6.86]	SIGNAL

spec ref	See Notes		dr	Ruan MT	2015/01/12	projection		size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Ruan MT	2015/01/21	product family	PwrBlade	ecn no	-	rel level	Released
See Notes			chr	-	-			rel level	Released		
surface	linear	0.X ±0.50	appr	Pei-Ming Zheng	2015/01/21	2DCP + 44S + 2DCP		www.fci.com	cat. no.	&model_name	Product - Customer Drw
		0.XX ±0.25				VERTICAL PF HEADER					
	angular	0° ±2°				Product - Customer Drw		dwg no	51963-091	sheet 1 of 4	

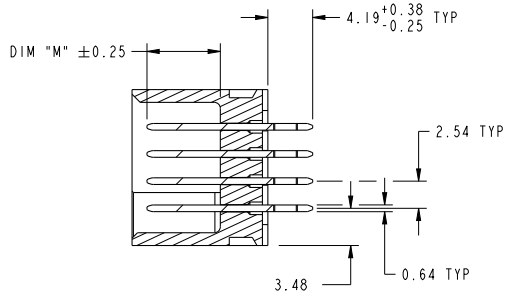
Print File - REV C - 2009-08-09



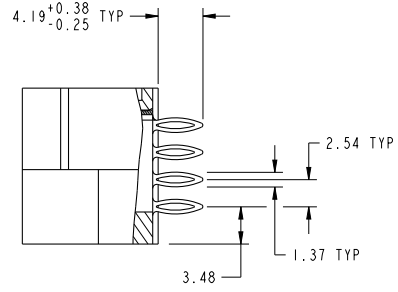
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PRODUCT NUMBER

51963-091__
NOTE 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



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dr	Ruan MT	2015/01/22	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2015/01/21			ecn no	-		
chr	-	-	product family		PwrBlade	rel level	Released	
appr	Pei-Ming Zheng	2015/01/21	title		2DCP + 44S + 2DCP		dwg no	51963-091
www.fci.com			VERTICAL PF HEADER		rev		A	
cat. no.			&model_name		Product - Customer Drw		sheet 2 of 4	

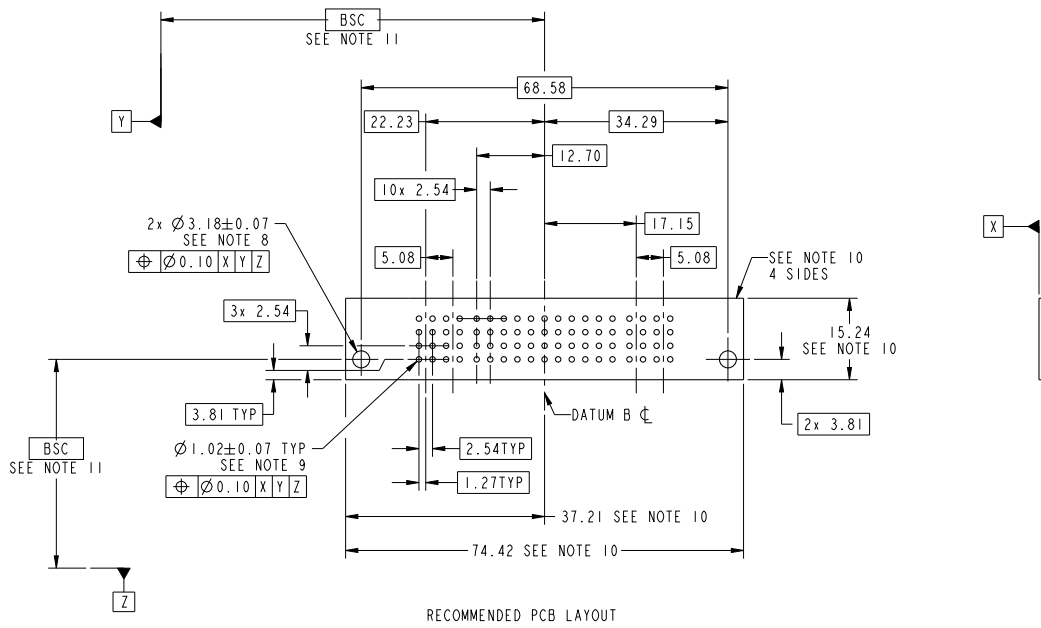
Prod File - REV C - 2009-06-09

PDS: Rev :A

STATUS:Released

Printed: Jan 22, 2015

PRODUCT NUMBER
51963-091...
NOTE 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2015/01/21	projection	MM	size	A4	scale	1:1	
eng	Ruan MT	2015/01/21			ecn no	-	rel level	Released	
chr	-	-	product family	PwrBlade	rel level	Released			
appr	Pei-Ming Zheng	2015/01/21	www.fci.com		title	2DCP + 44S + 2DCP VERTICAL PF HEADER		rev	A
cat. no.		&model_name	Product - Customer Drw		sheet	3 of 4			

Print File - REV C - 2009-06-09

PDS: Rev :A

STATUS:Released

Printed: Jan 22, 2015

PRODUCT NUMBER
51963-091...
NOTE 3

- NOTES:
- DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.
- CONNECTOR NOTES:
- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
 - SEE ITEM 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51963-091 AND 51963-091LF RESPECTIVELY.
 - MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
 - PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
 - PACKAGED IN TRAYS.
- PCB NOTES:
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
 - MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
 - $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER .001 [0.03] TO 0.08 Cu PLATING TO ACHIEVE $\varnothing 1.02 \pm 0.07$ HOLE.
 - CONNECTOR KEEP-OUT ZONE.
 - DATUM AND BASIC DIMENSIONS ARE ESTABLISHED BY CUSTOMER.



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dr	Ruan MT	2015/01/21	projection		size	A4	scale	1:1
eng	Ruan MT	2015/01/21			ecm no	-		
chr	-	-			rel level			Released
appr	Pei-Ming Zheng	2015/01/21	product family	PwrBlade				
	title			2DCP + 44S + 2DCP	dwg no	51963-091	rev	A
www.fci.com	cat. no.	&model_name	Product - Customer Drw		sheet 4 of 4			

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