

Excellent Integrated System Limited

Stocking Distributor

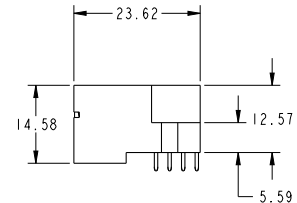
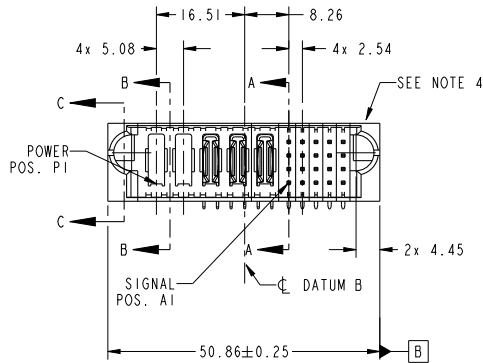
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[51939-900LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	ROWS	POWER					SIGNAL					
		E1	P1	P2	P3	P4	P5	1	2	3	4	5
51939-900- NOTE 3	D C B A		X	X	PA	PA	PA	UUUUU	TTTTT	SSSSS	EEEE	



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

spec ref	*		dr	De-Ming Lu	2014/06/29	projection	MM	size	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	De-Ming Lu	2014/07/14			A4	1:1
ASME Y14.5			chr	-	-			ecn no	-
surface	linear	0.X	±0.5	appr	Pei-Ming Zheng	2014/07/14	product family	PwrBlade	rel level
		0.XX	±0.25						Released
		0.XXX	±0.1						
ASME Y14.5	angular	0°	±2°						
					title	5DCP + 20S	dwg no		51939-900
					RIGHT ANGLE SOLDER HEADER		rev		A
			www.fci.com		cat. no.	-	Product - Customer Drw		sheet 1 of 4

Print File : REV C - 2009-08-09

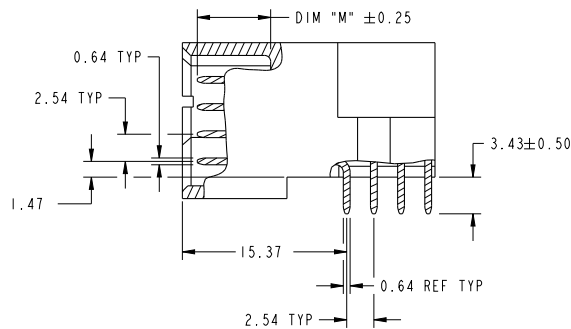
PDS: Rev :A

STATUS:Released

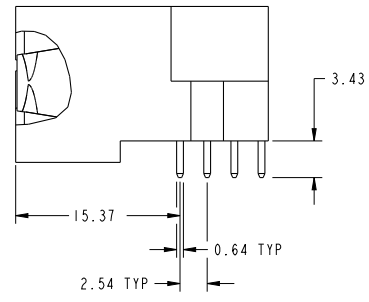
Printed: Jul 15, 2014

PRODUCT NUMBER

51939-900-
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

SECTION C-C

dr	De-Ming Lu	2014/06/29	projection	MM	size	A4	scale	1:1
eng	De-Ming Lu	2014/07/14			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	2014/07/14	product family	PwrBlade	rel level	Released		
	title 5DCP + 20S RIGHT ANGLE SOLDER HEADER			dwg no	51939-900		rev	
							A	
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 2 of 4		

Part File : REV C - 2009-08-09

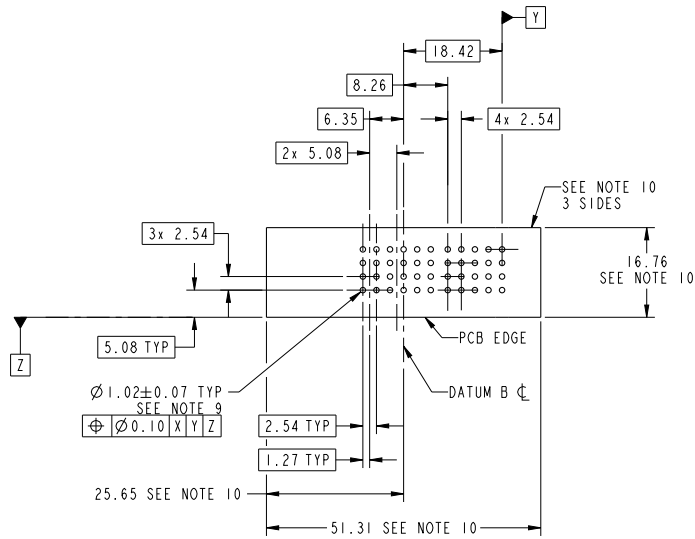
PDS: Rev :A

STATUS:Released

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PRODUCT NUMBER

51939-900-
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	De-Ming Lu	2014/06/29	projection 	MM 	size	A4	scale	1:1
eng	De-Ming Lu	2014/07/14			ecn no	-		
chr	-	-			rel level		Released	
appr	Pei-Ming Zheng	2014/07/14	product family		PwrBlade			
			title			5DCP + 20S		rev
			RIGHT ANGLE SOLDER HEADER			51939-900		
www.fci.com			cat. no.	-	Product - Customer Drw		sheet 3 of 4	
						A		

Print Date: 2014-08-08

PDS: Rev :A

STATUS:Released

Printed: Jul 15, 2014

PRODUCT NUMBER

51939-900-
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 51939-900 AND 51939-900LF RESPECTIVELY.
4. 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.
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. CONNECTOR KEEP-OUT ZONE.

dr	De-Ming Lu	2014/06/29	projection	MM	size	A4	scale	1:1
eng	De-Ming Lu	2014/07/14			ecn no	-		
chr	-	-						
appr	Pei-Ming Zheng	2014/07/14	product family		PwrBlade	rel level		Released
	title	5DCP + 20S			dwg no	51939-900		rev
		RIGHT ANGLE SOLDER HEADER				A		
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 4 of 4		

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