

Excellent Integrated System Limited

Stocking Distributor

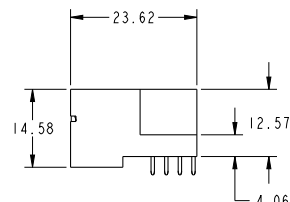
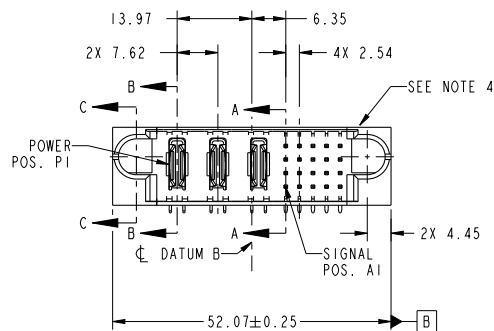
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[51939-700LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	ROWS	POWER				SIGNAL				
		E1	P1	P2	P3	1	2	3	4	5
51939-700-- NOTE 3	D C B A									



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

spec ref	*			dr	Luo Weller	2012/08/27	projection	MM	size	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Luo Weller	2012/08/31			A4	1:1
SEE NOTE				chr	-	-			ecn no	-
surface	linear	0.X	±0.5	appr	Pei-Ming Zheng	2012/09/03	product family	PwrBlade	rel level	Released
		0.XX	±0.25					title	3ACP + 20S	cat. no. - Product - Customer Drw
		0.XXX	±0.1					dwg no	51939-700	
	angular	0°	±2°							rev
										A

Print File : REV C - 2009-08-09

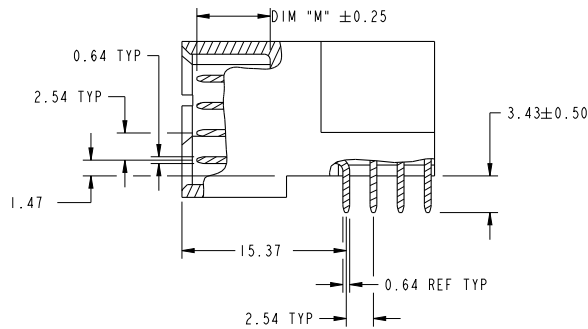
PDS: Rev :A

STATUS:Released

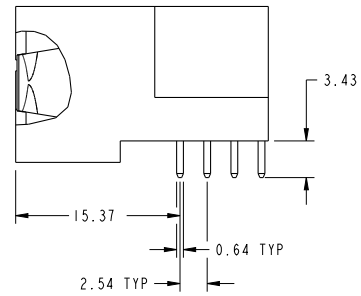
Printed: Sep 03, 2012

PRODUCT NUMBER

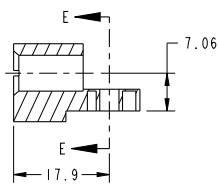
51939-700LF
NOTE: 3



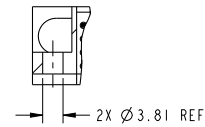
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C



SECTION E-E

dr	Luo Weller	2012/08/27	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2012/08/31			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/09/03	product family	PwrBlade				
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 2 of 4	
title		3ACP + 20S			dwg no		51939-700	rev
		RIGHT ANGLE SOLDER HEADER						A

Print File: REV C - 2009-08-09

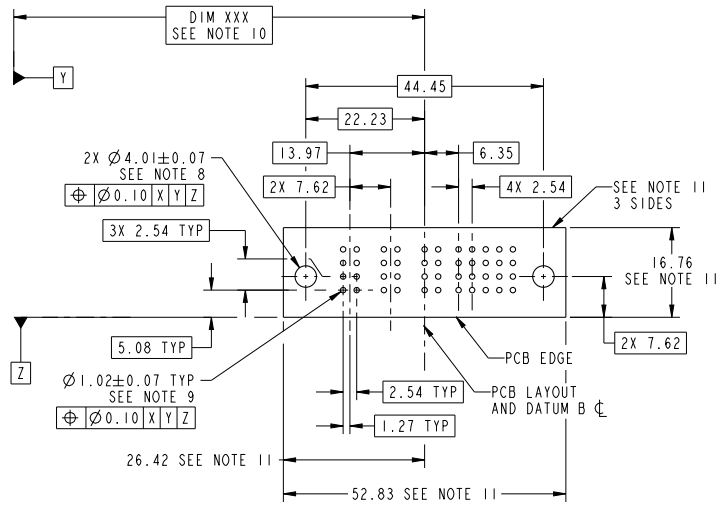
PDS: Rev :A

STATUS:Released

Printed: Sep 03, 2012

PRODUCT NUMBER

51939-700-
NOTE: 3



RECOMMENDED PCB LAYOUT

dr	Luo Weller	2012/08/27	<div>projection</div> <div></div> <div rowspan="5"><div>MM</div><div></div></div> <td>size</td> <td>A4</td> <td>scale</td> <td>1:1</td>	size	A4	scale	1:1	
eng	Luo Weller	2012/08/31		ecn no	-			
chr	-	-						
appr	Pei-Ming Zheng	2012/09/03	product family	PwrBlade	rel level	Released		
			title			dwg no		rev
			3ACP + 20S			51939-700		A
			RIGHT ANGLE SOLDER HEADER					
www.fci.com			cat. no.	-	Product - Customer Drw			sheet 3 of 4

Print File: REV C - 2009-08-09

PDS: Rev :A

STATUS:Released

Printed: Sep 03, 2012

PRODUCT NUMBER

51939-700-
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 51939-700 AND 51939-700LF 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.

dr	Luo Weller	2012/08/27	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2012/08/31			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/09/03	product family		PwrBlade			
	title	3ACP + 20S RIGHT ANGLE SOLDER HEADER			dwg no	51939-700		rev
www.fci.com	cat. no.	-	Product - Customer Drw			sheet 4 of 4		A

Print File : REV C - 2009-08-09