

Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)
[51939-808LF](#)

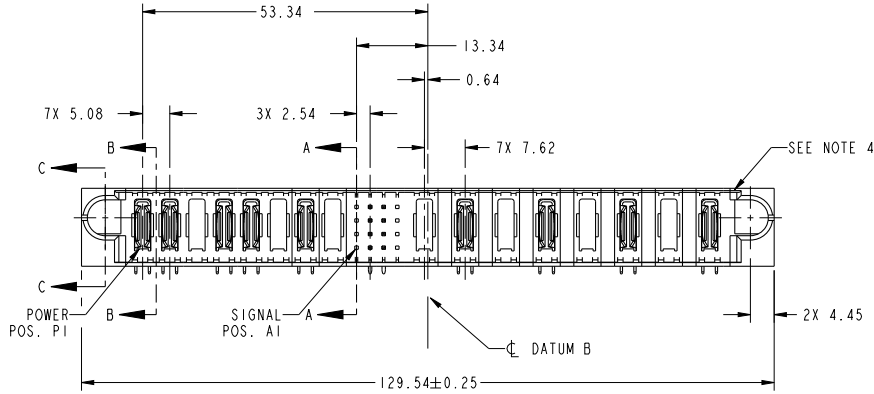
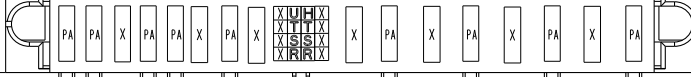
For any questions, you can email us directly:

sales@integrated-circuit.com

PRODUCT NO.	ROWS	POWER								SIGNAL				POWER								E2
		E1	P1	P2	P3	P4	P5	P6	P7	P8	1	2	3	4	P9	P10	P11	P12	P13	P14	P15	P16

51939-808--
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
H	[5.59]	SIGNAL
PA	[N/A]	POWER
X	OMITTED	OMITTED

spec ref	*	dr	Luo Weller	2013/08/30	projection	MM	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Luo Weller	2013/09/30			ecn no	-		
SEE NOTE		chr	-	-			rel level	Released		
surface	linear	appr	Pei-Ming Zheng	2013/09/30	product family	PwrBlade	rel level	Released		
	0.X									
	0.XX									
	0.XXX									
	angular									
	0°									
	±0.5									
	±0.25									
	±0.1									
	±2°									



8DCP + 16S + 8ACP
RIGHT ANGLE SOLDER HEADER

www.fci.com

cat. no. -

Product - Customer Drw

sheet 1 of 4

Print File : REV C - 2009-08-09

1

2

3

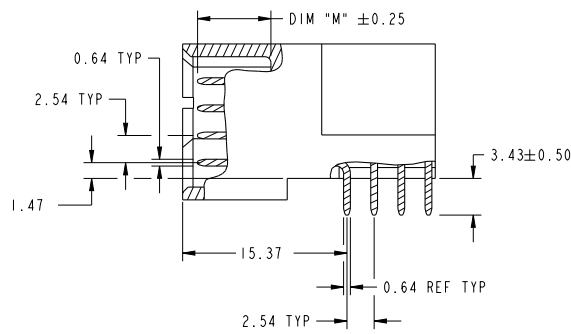
PDS: Rev :A

STATUS:Released

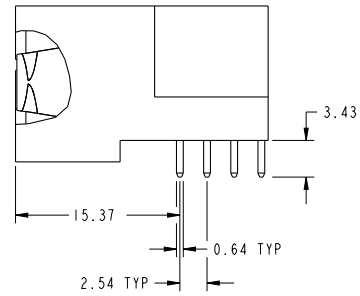
Printed: Sep 30, 2013

PRODUCT NUMBER

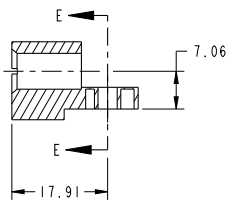
51939-808LF
NOTE: 3



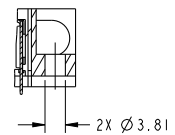
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



PARTIAL SECTION E-E

dr	Luo Weller	2013/08/30	projection	MM	size	A4	scale	1:1
eng	Luo Weller	2013/09/30			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/09/30	product family	PwrBlade				
FCI		title	8DCP + 16S + 8ACP		dwg no		51939-808	
www.fci.com		cat. no.	-		Product - Customer Drw		sheet 2 of 4	
							rev	
							A	

Print File: REV C - 2009-08-09

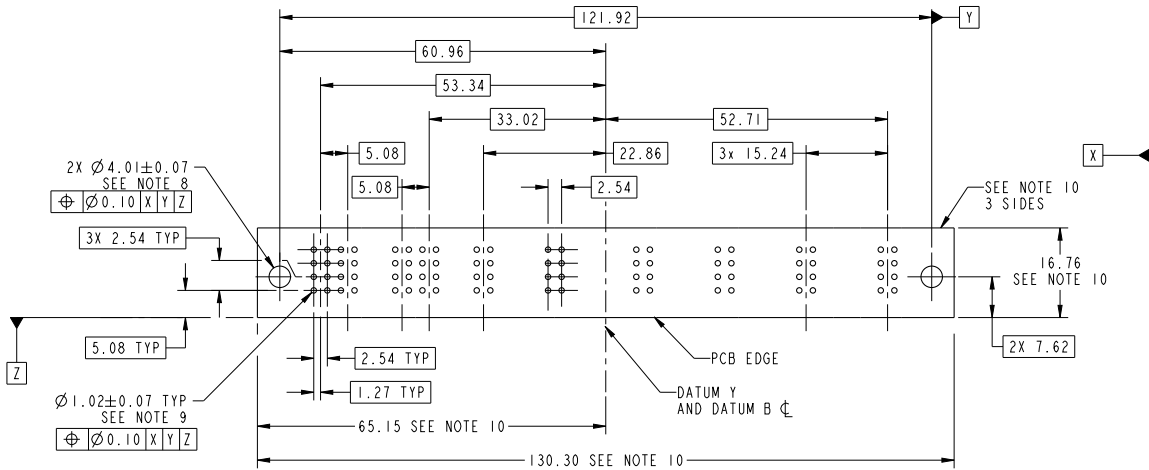
PDS: Rev :A

STATUS:Released

Printed: Sep 30, 2013

PRODUCT NUMBER

51939-808-
NOTE: 3



dr	Luo Weller	2013/08/30	projection	MM	size	A4	scale	1:1			
eng	Luo Weller	2013/09/30			ecn no	-					
chr	-	-									
appr	Pei-Ming Zheng	2013/09/30	product family	PwrBlade	rel level	Released					
			title		8DCP + 16S + 8ACP		dwg no		51939-808	rev	A
			RIGHT ANGLE SOLDER HEADER								
www.fci.com			cat. no.		-		Product - Customer Drw			sheet 3 of 4	

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PRODUCT NUMBER

51939-808-
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 51939-808 AND 51939-808LF 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. CONNECTOR KEEP-OUT ZONE.

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chr	-	-							
appr	Pei-Ming Zheng	2013/09/30	product family		PwrBlade	rel level			Released
	title	8DCP + 16S + 8ACP			dwg no	51939-808		rev	
		RIGHT ANGLE SOLDER HEADER							
www.fci.com	cat. no.	-	Product - Customer Drw				sheet 4 of 4		A

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