

Excellent Integrated System Limited

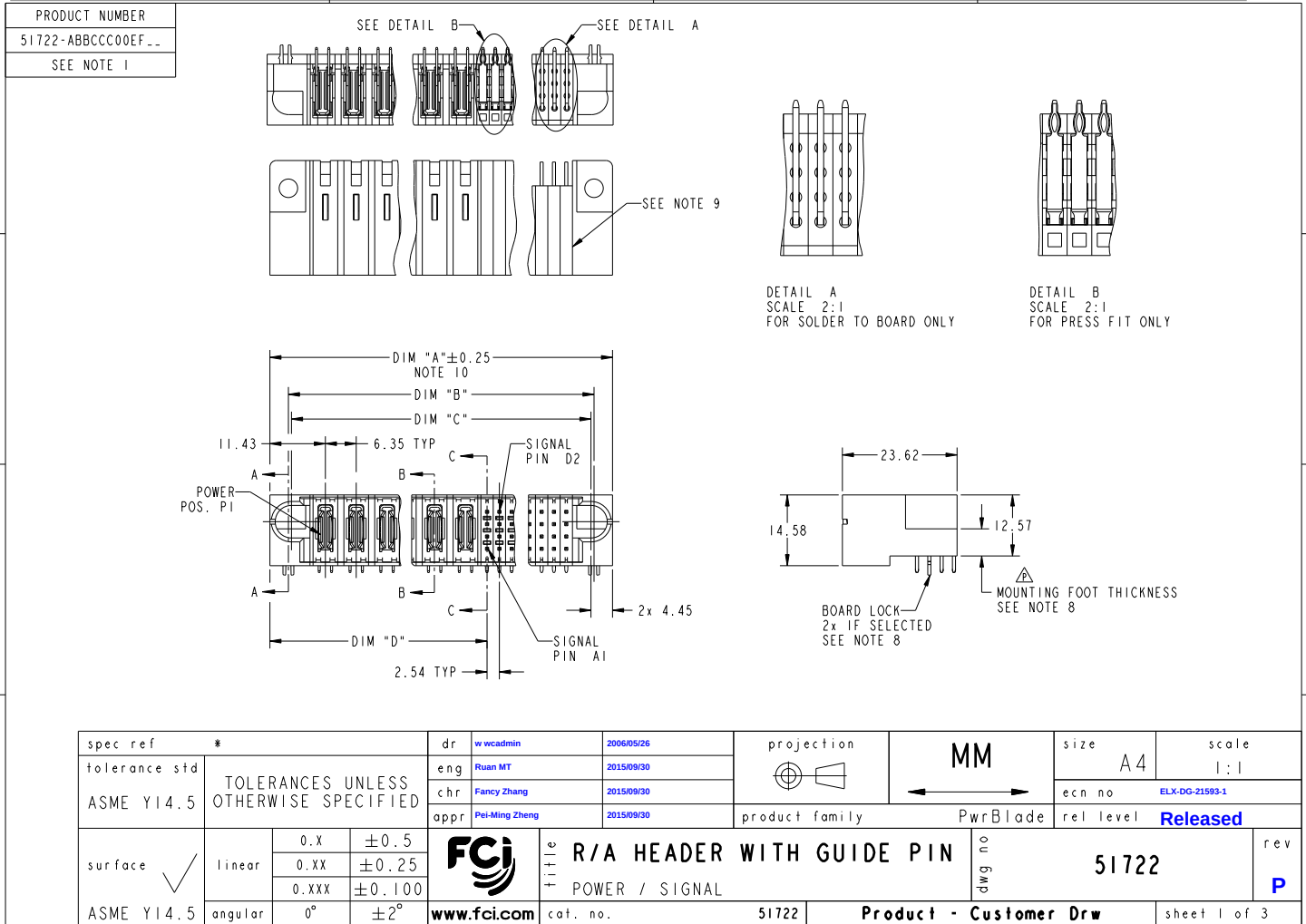
Stocking Distributor

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

[FCI](#)
[51722-10602000AALF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Print File - REV C - 2009-08-09

PDS: Rev :P

STATUS:Released

Printed: Oct 08, 2015

PRODUCT NUMBER		DIM	LENGTH FORMULAS (SEE NOTE 10)	
51722-ABBCC00EF...		DIM "A"	6.35 x BB + 2.54 x (CCC/4) + 16.51 (NOTE 10)	
SEE NOTE 1		DIM "B"	6.35 x BB + 2.54 x (CCC/4) + 8.89	
		DIM "C"	6.35 x BB + 2.54 x (CCC/4) + 7.62	
		DIM "D"	6.35 x BB + 9.53	
		DIM "F"	6.35 x BB + 2.54 x (CCC/4) + 17.27	
		DIM "G"	6.35 x BB + 5.72	

CONNECTOR NOTES

①. PRODUCT NUMBER CODE:
 51722 - A BB CCC 00 E F LF
 NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
 ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE
 RETENTION TO PCB (NOTE 8)
 TAIL OPTIONS (NOTE 7)
 ALWAYS '00' (ZERO, ZERO) (NOTE 6)
 NUMBER OF SIGNAL CONTACTS (NOTE 5)
 NUMBER OF LEFT POWER CONTACTS (NOTE 4)
 PLATING (NOTE 3)
 BASE NUMBER

②. HOUSING MATERIAL: GLASS FILLED V-0 HIGH TEMP THERMO PLASTIC.
 SIGNAL CONTACT MATERIAL: COPPER ALLOY
 POWER CONTACT MATERIAL: COPPER ALLOY

③. PLATING OPTION:
 I = SEE PRINT 10064183 FOR PLATING SPEC OF 51722-1BBCC00EF; 51722-1BBCC00EFLF
 B = SEE IN PRINT 10125789 FOR PLATING SPEC OF 51722-BBBCC00EF; 51722-BBBCC00EFLF

④. LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE.
 MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.

⑤. SIGNAL CONTACTS, 004 TO 148 AVAILABLE.

⑥. THIS PART IS NOT AVAILABLE WITH RIGHT SIDE POWER CONTACTS.

⑦. TAIL OPTIONS:
 A = 3.43 SOLDER TO BOARD
 B = 4.19 SOLDER TO BOARD
 C = 3.43 PRESS FIT
 D = 2.34 SOLDER TO BOARD

⑧. RETENTION TO PCB OPTIONS:
 A = BOARD LOCK (REQUIRES 2.49 +0.05, -0.03 THRU HOLE IN PCB).
 MOUNTING FOOT THICKNESS 5.59
 B = 3.81 THRU HOLE (REQUIRES 4.01±0.07 THRU HOLE IN PCB).
 MOUNTING FOOT THICKNESS 4.06
 MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

⑨. MANUFACTURE'S NAME, P/N, AND DATE CODE
 TO APPEAR ON THIS SURFACE.

⑩. THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART
 IS 203.2

11. PRODUCT SPECIFICATION GS-12-149
 APPLICATION SPECIFICATION BUS-20-067

12. REFERENCE 51697 FOR SELECT LOAD/FMLB WORKSHEET

PCB NOTES:

13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.

14. ALL THROUGH HOLES ARE LOCATED WITH A
 TRUE POSITION OF 0.10

15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

⑩. Ø1.151±0.025 DRILLED HOLES PLATED WITH
 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08
 Cu PLATING TO ACHIEVE A 1.02±0.07 HOLE.

17. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR
 NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT
 DRAWING REVISION.

⑩. CONNECTOR KEEP OUT ZONE

dr	wcadmin	2006/05/26	projection	MM	size	A4	scale	1:1
eng	Ruan MT	2015/09/30			ec n no	ELX-DG-21593-1		
chr	Fancy Zhang	2015/09/30			rel level	Released		
appr	Pei-Ming Zheng	2015/09/30	product family	PwrBlade	rel level	Released		
			R/A HEADER WITH GUIDE PIN POWER / SIGNAL		dwg no 51722	rev P		
www.fci.com			cat. no.	51722	Product - Customer Drw		sheet 2 of 3	

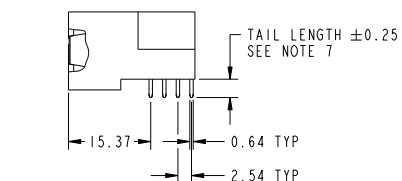
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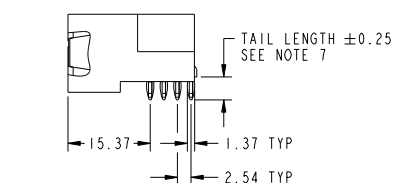
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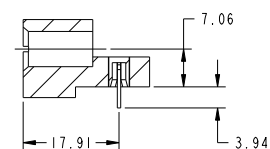
PRODUCT NUMBER
51722-ABBCCC00EF_
SEE NOTE 1



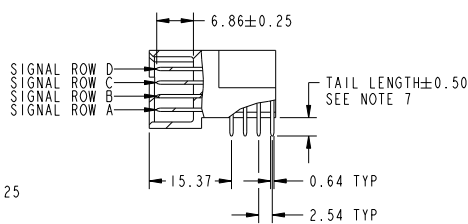
 BROKEN-OUT SECTION B-B
FOR SOLD TO BOARD ONLY



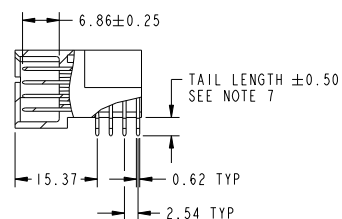
 BROKEN-OUT SECTION B-B
FOR PRESS FIT ONLY



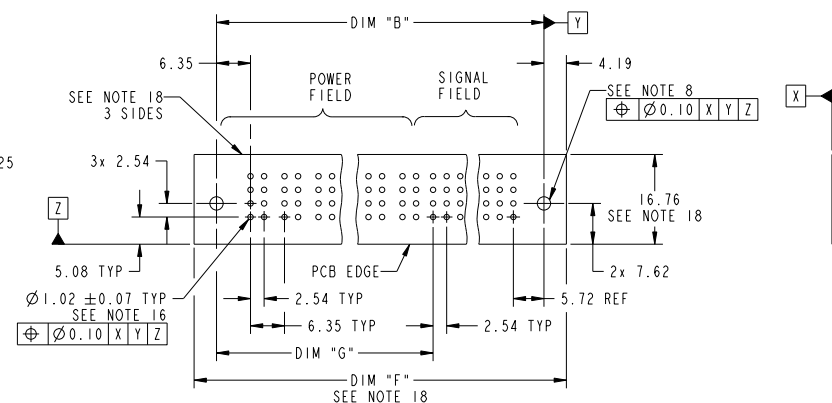
SECTION A-A



 BROKEN-OUT SECTION C-C
FOR SOLDER TO BOARD ONLY



 BROKEN-OUT SECTION
FOR PRESS FIT ONLY



RECOMMENDED PCB LAYOUT

dr	w wcadmin	2006/05/26	projection 	MM 	size	scale
eng	Ruan MT	2015/09/30			A4	1:1
chr	Fancy Zhang	2015/09/30			ecn no ELX-DG-21593-1	
appr	Pei-Ming Zheng	2015/09/30	product family	PwrBlade	rel level	Released
		title R/A HEADER WITH GUIDE PIN			dwg no	51722
		POWER / SIGNAL				
www.fci.com	cat. no.	51722	Product - Customer Drw			sheet 3 of 3