

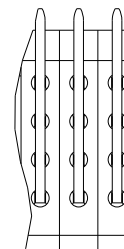
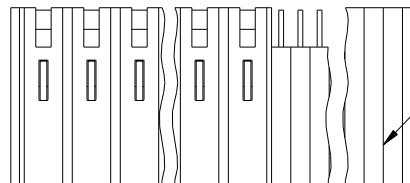
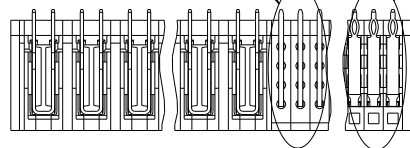
PRODUCT NUMBER

51726-ABBCCC00E0--

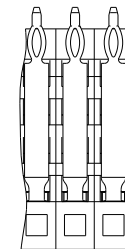
SEE NOTE 1

SEE DETAIL A

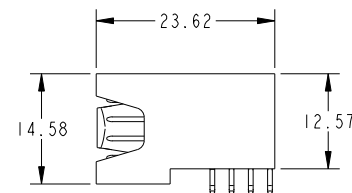
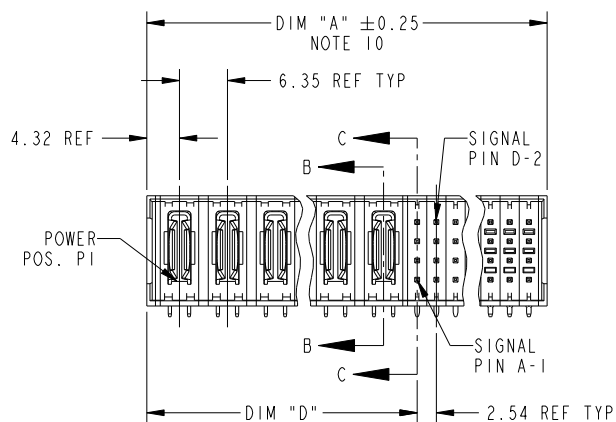
SEE DETAIL B

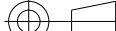


DETAIL A
SCALE 2:1
FOR SOLDER TO BOARD ONLY



DETAIL B
SCALE 2:1
FOR PRESS FIT ONLY



spec ref		*		dr	Jerome Chen	2008/09/11	projection 	MM 	size	A4	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ruan MT	2015/09/30			ecn no	ELX-DG-21593-1				
				chr	Fancy Zhang	2015/09/30								
ASME Y14.5					appr	Pei-Ming Zheng	2015/09/30	product family		PwrBlade		rel level	Released	
surface 	linear	0.X	±0.5		title	R/A HEADER W/O GUIDE PIN POWER / SIGNAL			dwg no	51726			rev	N
		0.XX	±0.25											
		0.XXX	±0.100											
ASME Y14.5		angular	0°	±2°	www.fci.com		cat. no.	Product - Customer Drw		sheet 1 of 3				

PrintE File - REV C - 2009-06-09

PDS: Rev :N

STATUS:Released

Printed: Oct 08, 2015



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PRODUCT NUMBER	DIM	LENGTH FORMULAS (SEE NOTE 10)
	DIM "A"	6.35 x BB + 2.54 x (CCC/4) + 2.29 (NOTE 10)
	DIM "D"	6.35 x BB + 2.41
	DIM "F"	6.35 x BB + 2.54 x (CCC/4) + 3.05
	DIM "G"	6.35 x BB - 0.64

CONNECTOR NOTES

1. PRODUCT NUMBER CODE:
51726 - A BB CCC 00 E 0 LF
- NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
 - ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE
 - ALWAYS '0' (ZERO)(NOTE 8)
 - TAIL LENGTH (NOTE 7)
 - ALWAYS '00' (ZERO, ZERO)(NOTE 6)
 - NUMBER OF SIGNAL CONTACTS (NOTE 5)
 - NUMBER OF LEFT END POWER CONTACTS (NOTE 4)
 - PLATING (NOTE 3)
 - BASE NUMBER

2. HOUSING MATERIAL: GLASS FILLED V-O 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 51726-1BBCCC00E0; 51726-1BBCCC00E0LF
4. LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTER
5. SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
6. THIS PART IS NOT AVAILABLE WITH RIGHT SIDE POWER CONTACTS.

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

8. BOARD RETENTION IS NOT AVAILABLE WITH GUIDELESS ENDS.
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.
16. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH 0.008 MIN SnPb or Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE A 1.02 ± 0.07 HOLE.
17. Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
18. CONNECTOR KEEP OUT ZONE

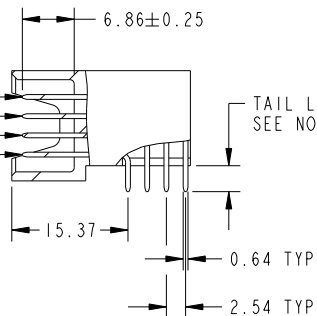
dr	Jerome Chen	2008/09/11	projection	MM	size	A 4	scale	1 : 1		
eng	Ruan MT	2015/09/30			ecn no ELX-DG-21593-1					
chr	Fancy Zhang	2015/09/30								
appr	Pei-Ming Zheng	2015/09/30	product family		PwrBlade	rel level	Released			
FCi		title			R/A HEADER W/O GUIDE PIN		dwg no		51726	rev
		POWER / SIGNAL								N
www.fci.com		cat. no.			Product - Customer Drw		sheet 2 of 3			

PRODUCT NUMBER

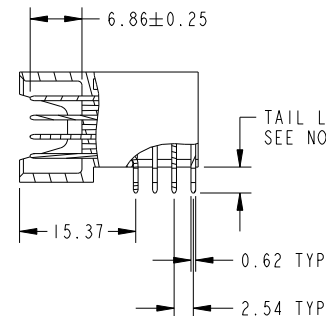
51726-ABBCC00E0_

SEE NOTE 1

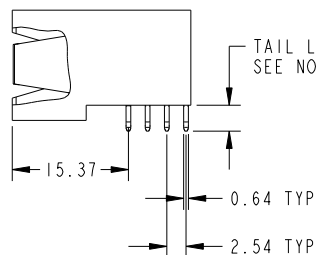
SIGNAL ROW D
SIGNAL ROW C
SIGNAL ROW B
SIGNAL ROW A



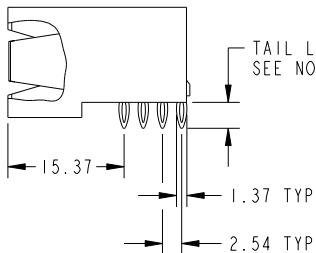
⚠ BROKEN-OUT SECTION C-C
FOR SOLDER TO BOARD ONLY



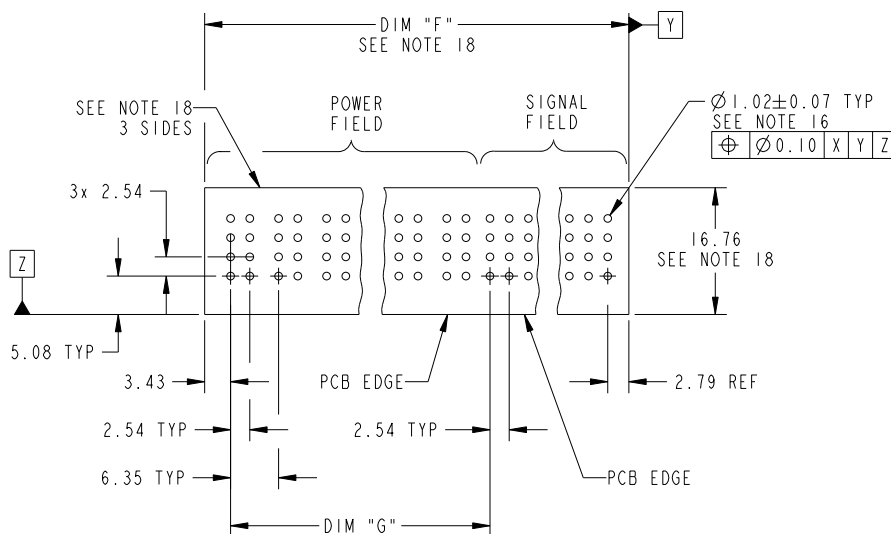
⚠ BROKEN-OUT SECTION C-C
FOR PRESS FIT ONLY



⚠ BROKEN-OUT SECTION B-B
FOR SOLDER TO BOARD ONLY



⚠ BROKEN-OUT SECTION B-B
FOR PRESS FIT ONLY



RECOMMENDED PCB LAYOUT

dr	Jerome Chen	2008/09/11	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				
www.fci.com		cat. no.	Product - Customer Drw		sheet	3 of 3		
FCI		title	R/A HEADER W/O GUIDE PIN		dwg no	51726	rev	N
			POWER / SIGNAL					