

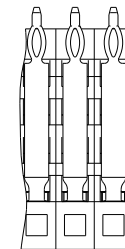
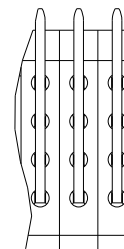
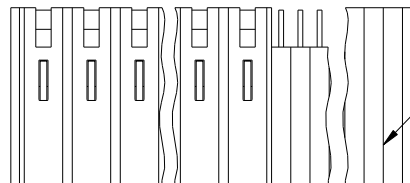
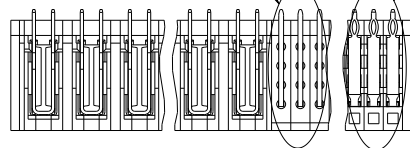
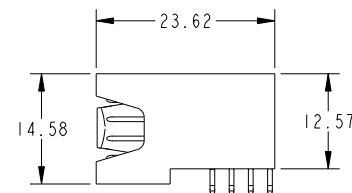
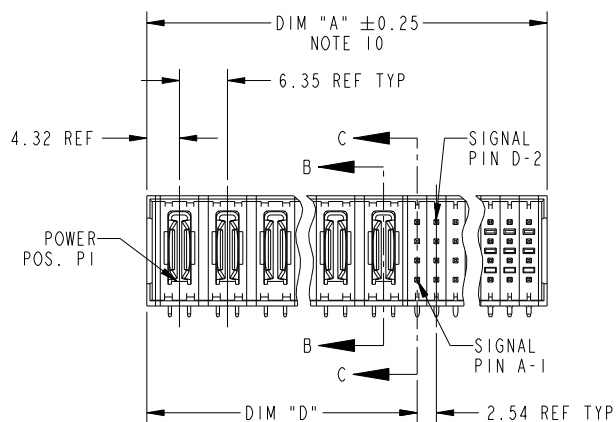
PRODUCT NUMBER

51726-ABBCCC00E0--

SEE NOTE 1

SEE DETAIL A

SEE DETAIL B

DETAIL A
SCALE 2:1
FOR SOLDER TO BOARD ONLYDETAIL B
SCALE 2:1
FOR PRESS FIT ONLY

spec ref		*		dr		Jerome Chen		2008/09/11		projection		MM		size		A 4		scale		1:1	
tolerance std		ASME Y14.5		eng		Ruan MT		2015/09/30						ecn no		ELX-DG-21593-1					
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Fancy Zhang		2015/09/30		product family						PwrBlade		rel level		Released			
surface		linear		0.X		±0.5				title		R/A HEADER W/O GUIDE PIN		dwg no		51726		rev		N	
ASME Y14.5		0.XX		±0.25		POWER / SIGNAL															
angular		0°		±2°		www.fci.com															

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. A 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	A4	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	
		title		R/A HEADER W/O GUIDE PIN		dwg no		rev
				POWER / SIGNAL		51726		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 6.86 ± 0.25 TAIL LENGTH ± 0.50
SEE NOTE 7

15.37

0.64 TYP

2.54 TYP

BROKEN-OUT SECTION C-C
FOR SOLDER TO BOARD ONLY 6.86 ± 0.25 TAIL LENGTH ± 0.50
SEE NOTE 7

15.37

0.62 TYP

2.54 TYP

BROKEN-OUT SECTION C-C
FOR PRESS FIT ONLYTAIL LENGTH ± 0.25
SEE NOTE 7

15.37

0.64 TYP

2.54 TYP

BROKEN-OUT SECTION B-B
FOR SOLDER TO BOARD ONLYTAIL LENGTH ± 0.25
SEE NOTE 7

15.37

1.37 TYP

2.54 TYP

BROKEN-OUT SECTION B-B
FOR PRESS FIT ONLYDIM "F"
SEE NOTE 18SEE NOTE 18
3 SIDES

POWER FIELD

SIGNAL FIELD

 $\phi 1.02 \pm 0.07$ TYP
SEE NOTE 16
 $\phi 0.10$ X Y Z

3x 2.54

Z

5.08 TYP

3.43

2.54 TYP

6.35 TYP

PCB EDGE

2.54 TYP

2.54 TYP

DIM "G"

16.76
SEE NOTE 18

2.79 REF

PCB EDGE

RECOMMENDED PCB LAYOUT

dr	Jerome Chen	2008/09/11	projection	MM	size	A4	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
			title			R/A HEADER W/O GUIDE PIN		rev
			POWER / SIGNAL			51726		
www.fci.com			cat. no.		Product - Customer Drw			sheet 3 of 3