

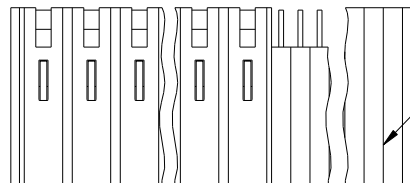
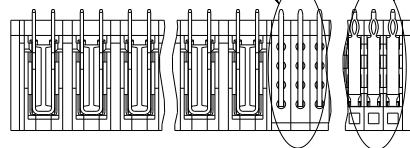
PRODUCT NUMBER

51726-ABBCCC00E0--

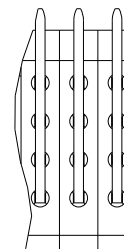
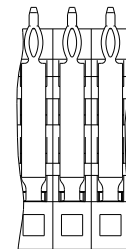
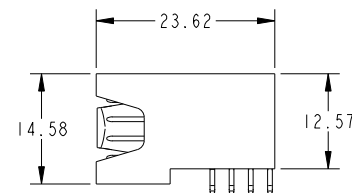
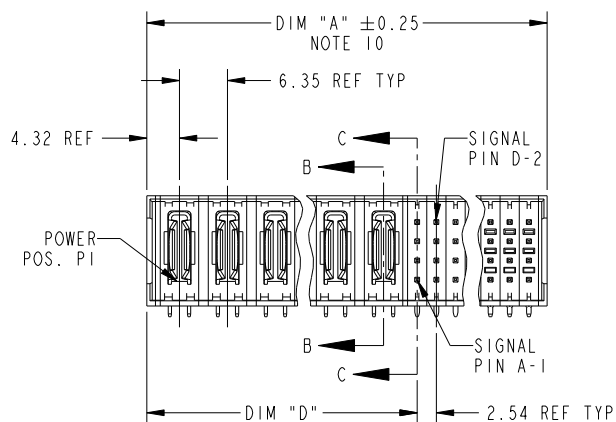
SEE NOTE 1

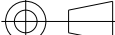
SEE DETAIL A

SEE DETAIL B



SEE NOTE 9

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	A4	scale	1:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			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		
surface ✓ ASME Y14.5	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									
				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)	
51726-ABBCCC00E0--		DIM "A"		6.35 x BB + 2.54 x (CCC/4) + 2.29 (NOTE 10)	
SEE NOTE 1		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.

N

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

18.

N

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			rel level	Released			
appr	Pei-Ming Zheng	2015/09/30	product family	PwrBlade					
			title	R/A HEADER W/O GUIDE PIN POWER / SIGNAL		dwg no	51726		
www.fci.com			cat. no.	*		Product - Customer Drw		rev	N
							sheet 2 of 3		

PrintE File - REV C - 2009-06-09

PDS: Rev :N

STATUS:Released

Printed: Oct 08, 2015

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

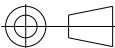
2.54 TYP

PCB EDGE

16.76
SEE NOTE 18

2.79 REF

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			rel level	Released			
appr	Pei-Ming Zheng	2015/09/30	product family		PwrBlade				
		title			R/A HEADER W/O GUIDE PIN			rev	
					POWER / SIGNAL			N	
www.fci.com		cat. no.			Product - Customer Drw			sheet 3 of 3	

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