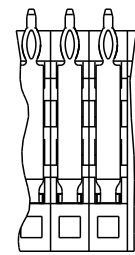
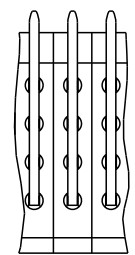
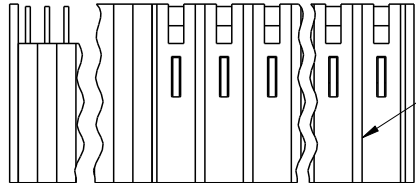
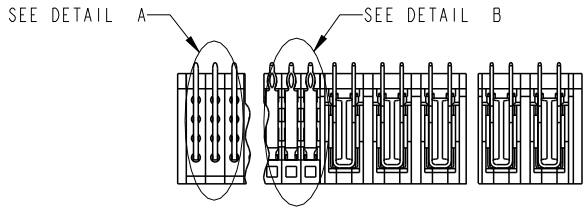




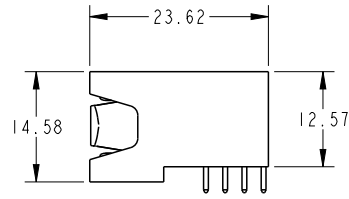
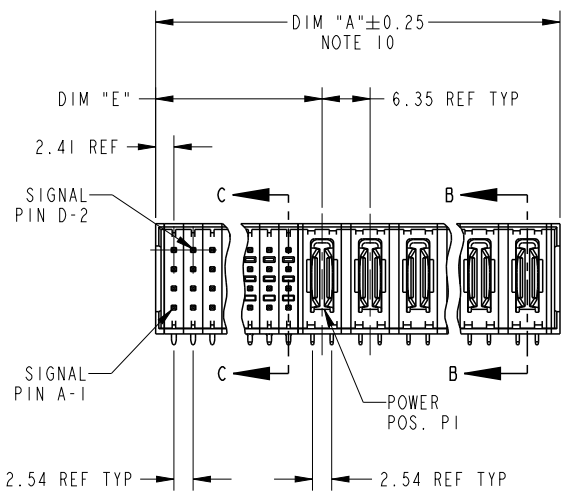
Copyright FCI.

PRODUCT NUMBER
51725-A00CCCDDE0_..
SEE NOTE 1



M DETAIL A
SCALE 2:1
FOR SOLDER TO BOARD ONLY

M DETAIL B
SCALE 2:1
FOR PRESS FIT ONLY



spec ref		*		dr	wcadmin	2007/01/29	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				
ASME Y14.5				chr	Fancy Zhang	2015/09/30								
				appr	Pei-Ming Zheng	2015/09/30							product family	
surface		linear	0.X	±0.5		title	R/A HEADER W/O GUIDE PIN			dwg no	51725		rev	M
			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		

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PRODUCT NUMBER		DIM		LENGTH FORMULAS (SEE NOTE 10)	
51725-A00CCCDDE0--		DIM "A"		2.54 x (CCC/4) + 6.35 x DD + 2.29 (NOTE 10)	
SEE NOTE 1		DIM "E"		2.54 x (CCC/4) + 4.32	
		DIM "F"		2.54 x (CCC/4) + 6.35 x DD + 3.05	
		DIM "H"		2.54 x (CCC/4) + 0.64	

CONNECTOR NOTES

1. PRODUCT NUMBER CODE:
51725 - A 00 CCC DD 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)
NUMBER OF RIGHT END POWER CONTACTS (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
ALWAYS '00' (ZERO,ZERO)(NOTE 4)
PLATING (NOTE 3))
BASE NUMBER

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

3. PLATING OPTION OPTIONS:
I = SEE PRINT 10064183 FOR PLATING SPEC OF 51725-100CCCDDE0; 51725-100CCCDDE0LF

4. THIS PART IS NOT AVAILABLE WITH LEFT SIDE POWER CONTACTS.

5. SIGNAL CONTACTS, 004 TO 148 AVAILABLE.

6. RIGHT END POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.

7. TAIL LENGTH 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. 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. 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 M 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	wcadmin	2007/01/29	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		rev	M	
www.fci.com		cat. no.	*		Product - Customer Drw	sheet 2 of 3		

PRODUCT NUMBER

51725-A00CCCDDE0_..

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

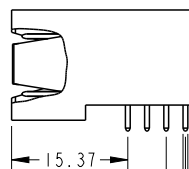
6.86±0.25

TAIL LENGTH±0.50
SEE NOTE 7

15.37

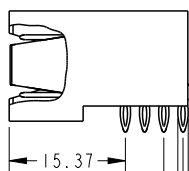
0.62 TYP

2.54 TYP

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

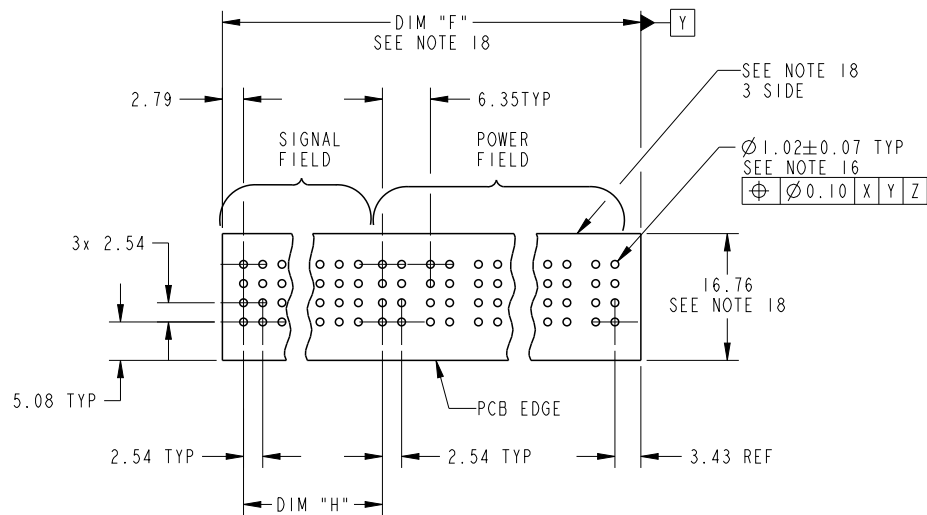
0.64 TYP

2.54 TYP

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

1.37 TYP

2.54 TYP

BROKEN-OUT SECTION B-B
FOR PRESS FIT ONLY

RECOMMENDED PCB LAYOUT

dr	wcadmin	2007/01/29	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			
FCI		title		R/A HEADER W/O GUIDE PIN		dwg no		rev
				SIGNAL / POWER		51725		M
www.fci.com		cat. no.		*	Product - Customer Drw			sheet 3 of 3