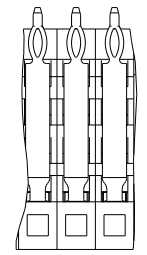
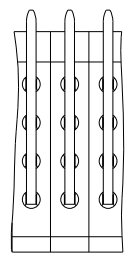
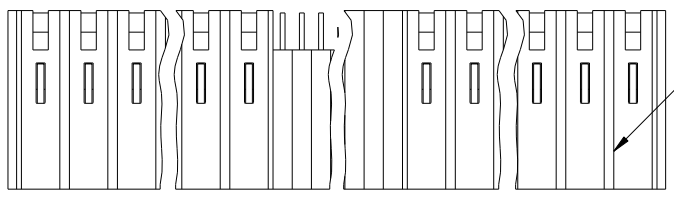
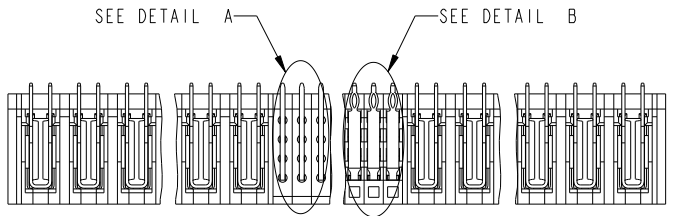




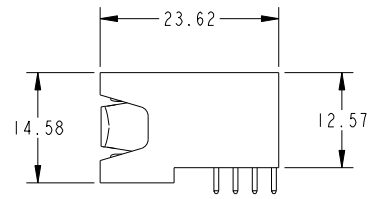
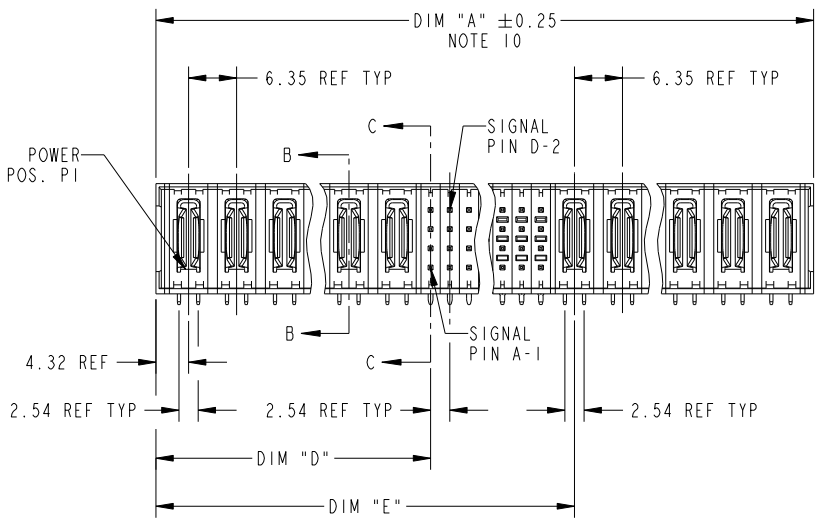
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PRODUCT NUMBER
51724-ABBCCDDE0--
SEE NOTE 1



DETAIL A
SCALE 2:1
FOR SOLDER TO BOARD ONLY

DETAIL B
SCALE 2:1
FOR PRESS FIT ONLY



spec ref		*		dr	X Q Wang	2010/11/17	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 	linear	0.X	±0.5		title	R/A HEADER W/O GUIDE PIN POWER / SIGNAL / POWER			dwg no	51724		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)
51724-ABBCCDDE0--	DIM "A"	$6.35 \times BB + 2.54 \times (CCC/4) + 6.35 \times DD + 2.29$ (NOTE 10)
SEE NOTE 1	DIM "D"	$6.35 \times BB + 2.41$
	DIM "E"	$6.35 \times BB + 2.54 \times (CCC/4) + 4.32$
	DIM "F"	$6.35 \times BB + 2.54 \times (CCC/4) + 6.35 \times DD + 3.05$
	DIM "G"	$6.35 \times BB - 0.64$
	DIM "H"	$6.35 \times BB + 2.54 \times (CCC/4)$

CONNECTOR NOTES

- ①. PRODUCT NUMBER CODE:
51724 - A BB CCC DD E 0 LF
- NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn OR 5u" Au 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)
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 51724-1BCCCC00E0; 51724-1BCCCC00E0LF
- ④. LEFT END POWER CONTACTS, 01 THRU 19 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.
- ⑤. SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- ⑥. RIGHT END POWER CONTACTS, 01 TO 19 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.

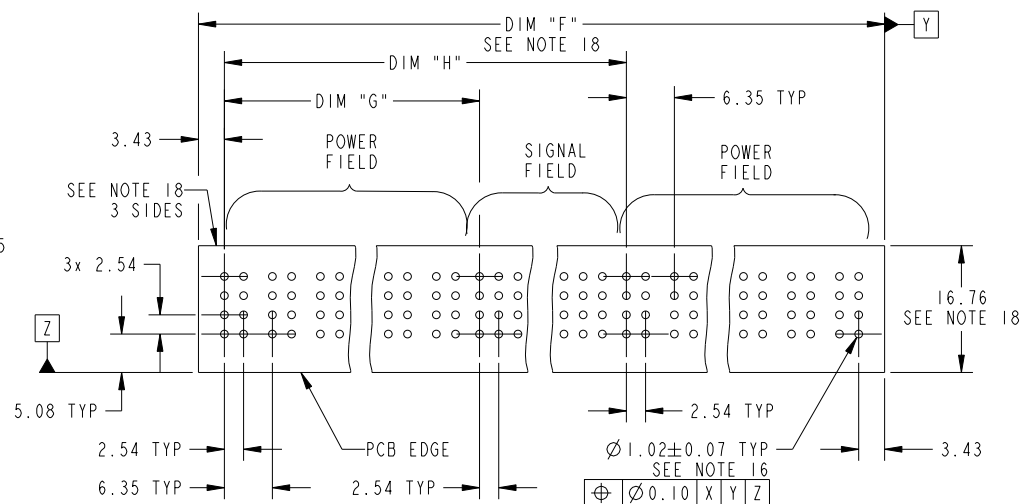
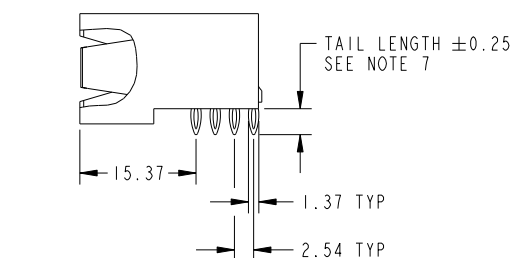
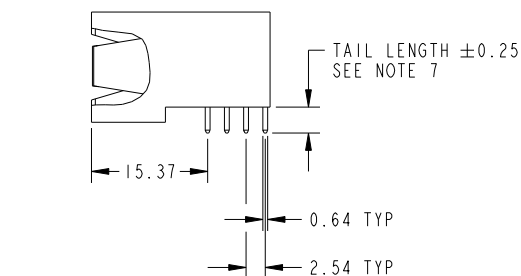
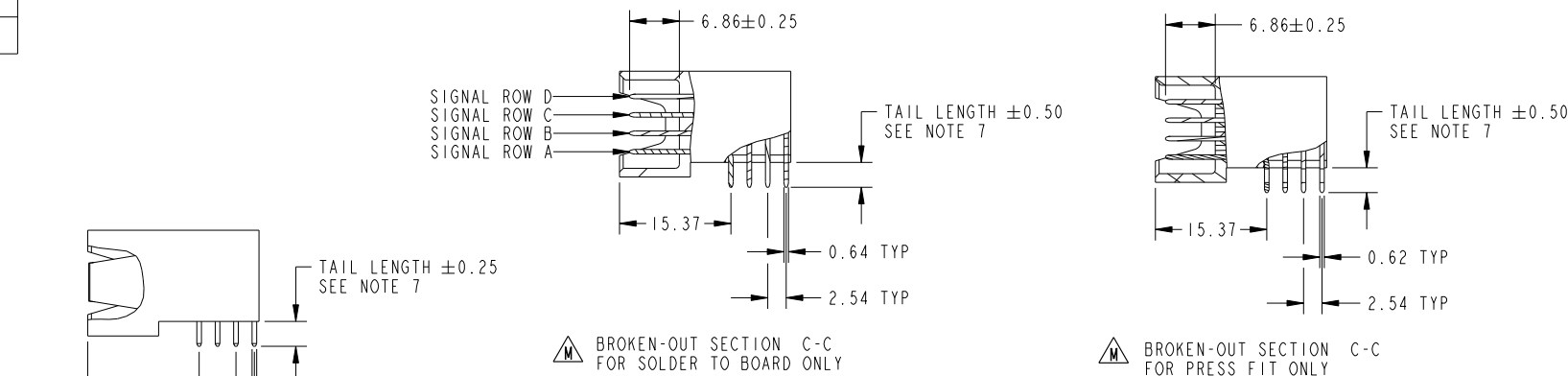
- △ ⑦. TAIL LENGTH:
A = 3.43 SOLDER TO BOARD
B = 4.19 SOLDER TO BOARD
C = 3.43 PRESS FIT
D = 2.34 SOLDER TO BOARD

- 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 △ M SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
- △ M ⑱. CONNECTOR KEEP OUT ZONE

dr	X Q Wang	2010/11/17	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										
appr	Pei-Ming Zheng	2015/09/30	product family		PwrBlade	rel level			Released			
FCI		title			R/A HEADER W/O GUIDE PIN			dwg no		51724	rev	M
					POWER / SIGNAL / POWER							
www.fci.com		cat. no.			Product - Customer Drw			sheet 2 of 3				



RECOMMENDED PCB LAYOUT

dr	X Q Wang	2010/11/17	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			product family	PwrBlade	rel level	Released
appr	Pei-Ming Zheng	2015/09/30						
FCI		title			R/A HEADER W/O GUIDE PIN			rev
		POWER / SIGNAL / POWER			dwg no			M
www.fci.com		cat. no.			Product - Customer Drw			sheet 3 of 3