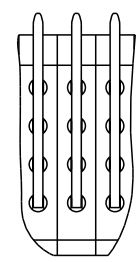
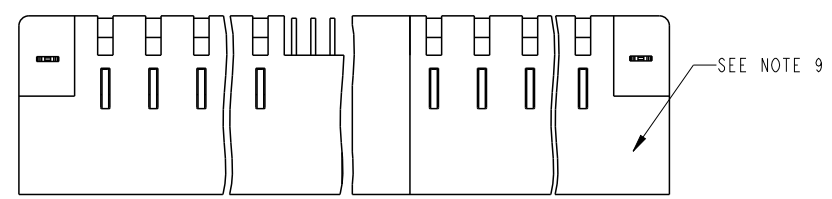
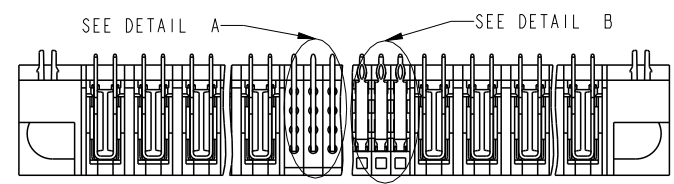


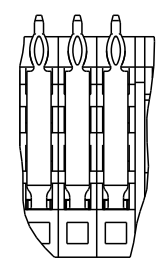


Copyright FCI.

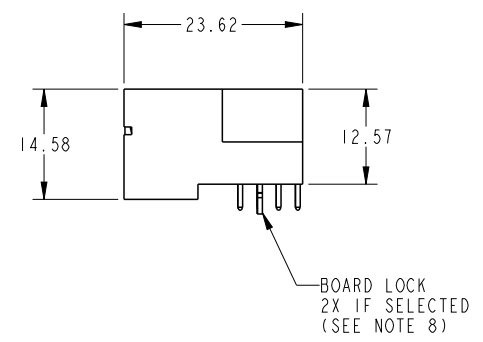
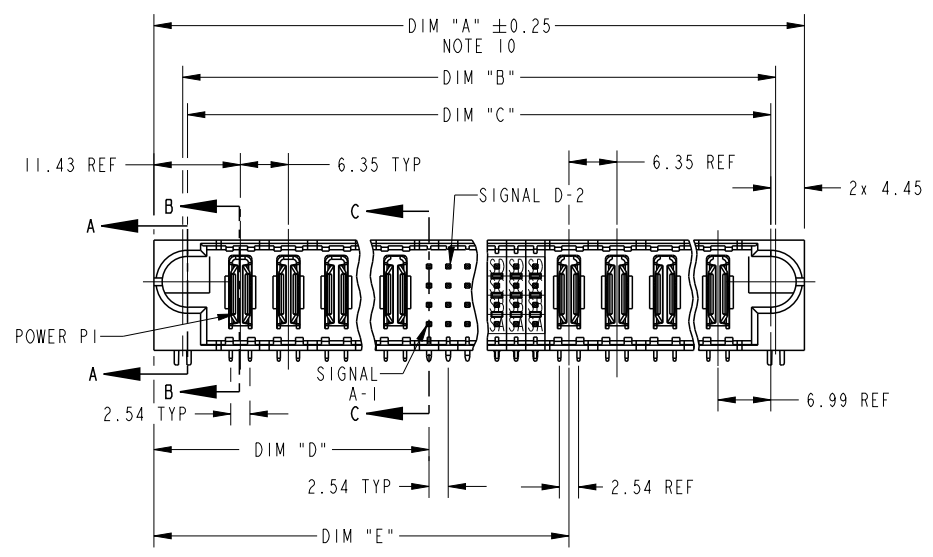
PRODUCT NUMBER
51720C- ABBCCCDDEF--
NOTE ①



△ DETAIL A
SCALE 2:1
FOR SIGNAL SOLDER TO BOARD ONLY



△ DETAIL B
SCALE 2:1
FOR SIGNAL PRESS FIT ONLY



spec ref *				dr w wcadmin2006/11/08		projection		MM		size A4		scale 1:1	
tolerance std TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Jackie Huang2013/06/27						ecn no ELX-DG-13802-1			
				chr -									
				appr Pei-Ming Zheng2013/06/30						product family PwrBlade			
surface ✓		linear		0.X ±0.50				title RIGHT ANGLE HEADER w/GUIDE POWER / SIGNAL / POWER		dwg no 51720		rev R	
				0.XX ±0.25									
				0.XXX ±0.10									
		angular 0° ±2°		www.fci.com									

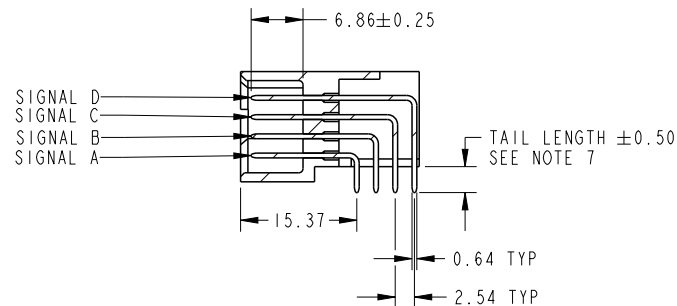
PrintE File - REV C - 2009-06-09



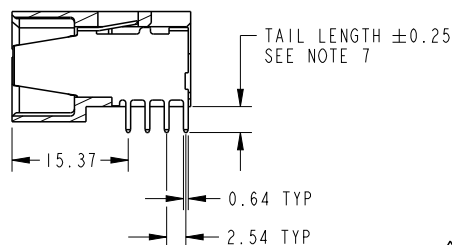
Copyright FCI.

1		2		3		4	
PRODUCT NUMBER		DIM		LENGTH FORMULAS (SEE NOTE 10)			
51720- ABBCCDDEF-- NOTE 1		DIM "A"		$6.35 \times BB + 2.54 \times (CCC/4) + 6.35 \times DD + 16.51$ (NOTE 10)			
		DIM "B"		$6.35 \times BB + 2.54 \times (CCC/4) + 6.35 \times DD + 8.89$			
		DIM "C"		$6.35 \times BB + 2.54 \times (CCC/4) + 6.35 \times DD + 7.62$			
		DIM "D"		$6.35 \times BB + 9.53$			
		DIM "E"		$6.35 \times BB + 2.54 \times (CCC/4) + 11.43$			
		DIM "F"		$6.35 \times BB + 2.54 \times (CCC/4) + 6.35 \times DD + 17.27$			
		DIM "G"		$6.35 \times BB + 5.72$			
		DIM "H"		$6.35 \times BB + 2.54 \times (CCC/4) + 6.35$			
CONNECTOR NOTES							
1. PRODUCT NUMBER CODE: 51720 - A BB CCC DD E F LF NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE ADD THIS SUFFIX: 78u"/2.00um Sn OR 5u" Au ON PCB INTERFACE RETENTION TO PCB (NOTE 8) TAIL OPTIONS (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: 1: SEE ITEM PRINT 10064183 FOR PLATING SPEC OF 51720-ABBCCDDEF; 51720-ABBCCDDEFLF							
4. LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE. MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.							
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 OPTIONS: A = 3.43 SOLDER TO BOARD C = 3.43 PRESS FIT							
8. RETENTION TO PCB OPTIONS: A = BOARD LOCK (2.49 +0.05, -0.03 THRU HOLE IN PCB). MOUNTING FOOT THICKNESS: 5.59 B = 3.81 THRU HOLE (REQUIRES 4.01±08 THRU HOLE IN PCB). MOUNTING FOOT THICKNESS: 4.06 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 SPECIALS 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 ±0.02 DRILLED HOLES PLATED WITH 0.007 MIN SnPb or Sn OVER 0.03 TO 0.08 PLATING TO ACHIEVE A 1.02±0.07 HOLE.							
17. A 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 wwcadmin 2006/11/08		eng Jackie Huang 2013/06/27		chr -		appr Pei-Ming Zheng 2013/06/30	
projection		MM		size A4		scale 1:1	
product family PwrBlade		rel level Released		ecn no ELX-DG-13802-1			
FCI		title RIGHT ANGLE HEADER w/GUIDE		dwg no 51720		rev R	
POWER / SIGNAL / POWER		cat. no. 51720		Product - Customer Drw		sheet 2 of 3	
www.fci.com							

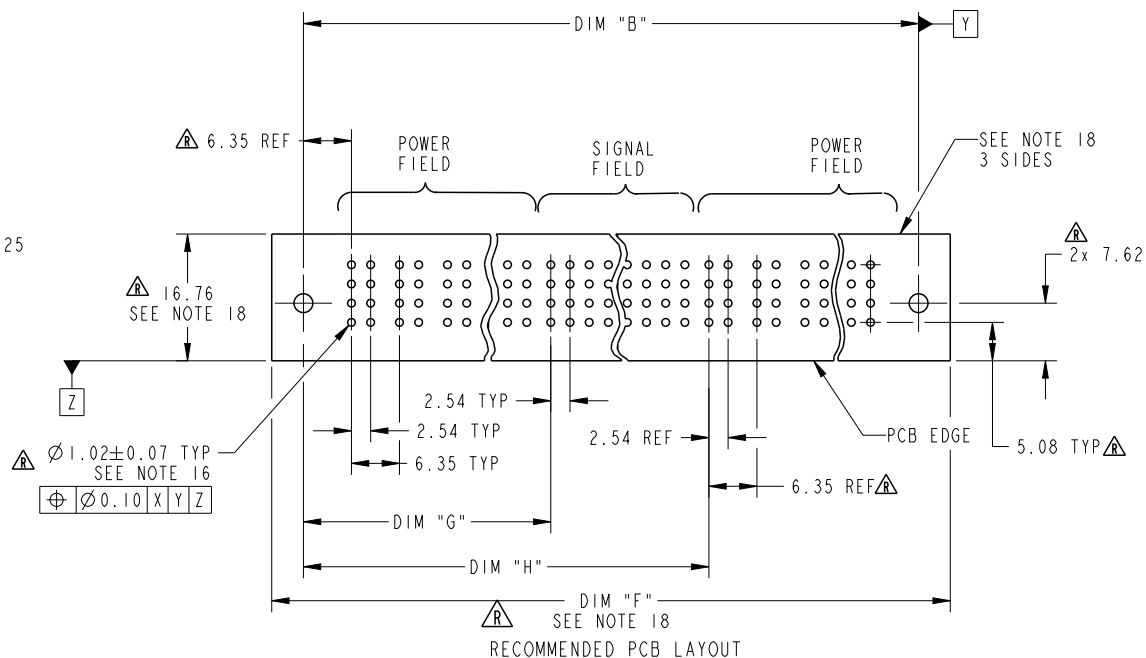
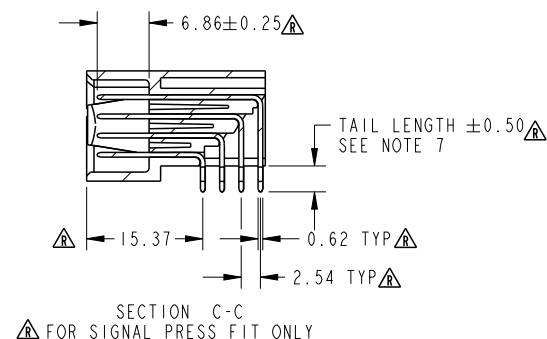
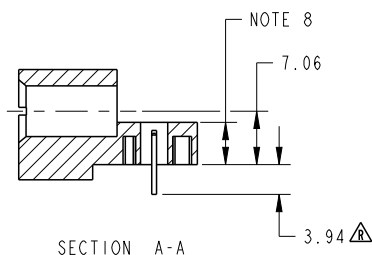
PRODUCT NUMBER
51720C- ABBCCCDDEF _ _
NOTE ①



SECTION C-C
SCALE 1:1
FOR SIGNAL SOLDER TO BOARD ONLY



SECTION B-B
SCALE 1:1



dr	wcadmin	2006/11/08	projection	MM	size	A4	scale	1:1
eng	Jackie Huang	2013/06/27			ecn no	ELX-DG-13802-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/06/30	product family	PwrBlade	rev	R		
www.fci.com		cat. no.	51720	Product - Customer Drw	sheet	3 of 3		
FCI		title	RIGHT ANGLE HEADER w/GUIDE		dwg no	51720		rev
			POWER / SIGNAL / POWER					