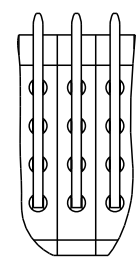
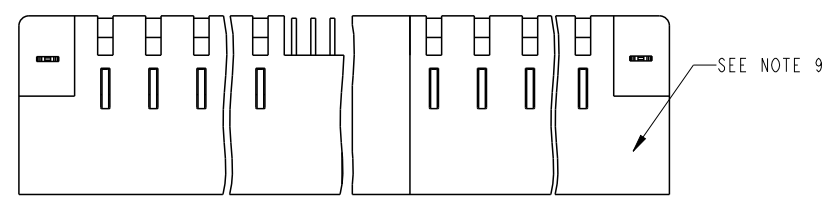
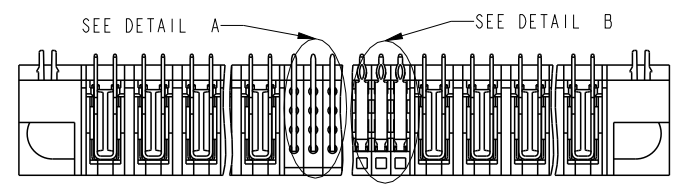


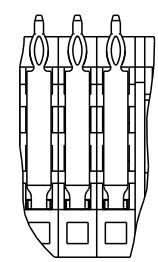


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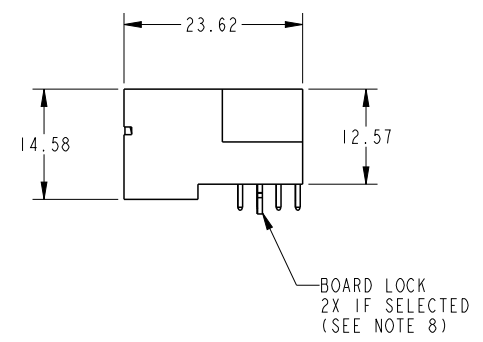
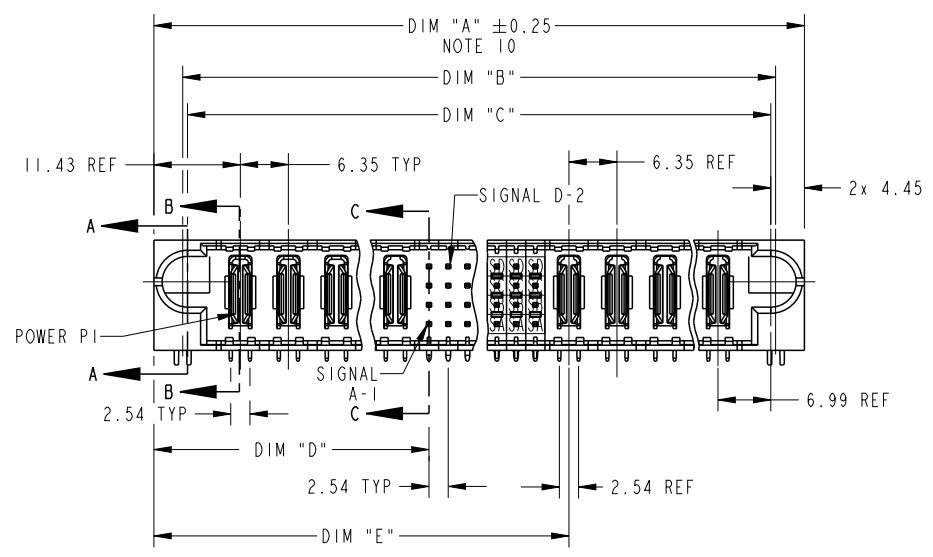
PRODUCT NUMBER
51720C- ABBCCCDDEF--
NOTE ①



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



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



spec ref *				dr		wcadmin	2006/11/08	projection		MM		size		A4	scale		1:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				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						
surface		linear		0.X		±0.50				title						RIGHT ANGLE HEADER w/GUIDE		dwg no		51720		rev		R
				0.XX		±0.25																		
				0.XXX		±0.10																		
		angular		0°		±2°																		
				www.fci.com		cat. no.		51720		Product - Customer Drw						sheet 1 of 3								

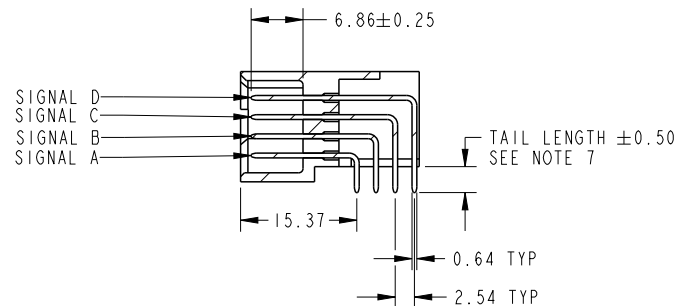
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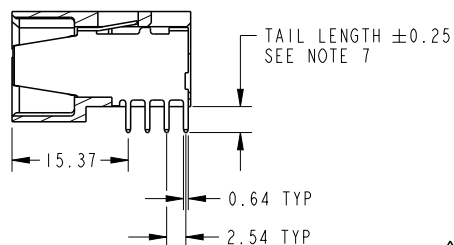
Copyright FCI.

1		2		3		4																																																										
PRODUCT NUMBER		DIM		LENGTH FORMULAS (SEE NOTE 10)																																																												
51720- ABBCCDDEF-- NOTE 1		DIM "A"		6.35 x BB + 2.54 x (CCC/4) + 6.35 x DD + 16.51(NOTE 10)																																																												
		DIM "B"		6.35 x BB + 2.54 x (CCC/4) + 6.35 x DD + 8.89																																																												
		DIM "C"		6.35 x BB + 2.54 x (CCC/4) + 6.35 x DD + 7.62																																																												
		DIM "D"		6.35 x BB + 9.53																																																												
		DIM "E"		6.35 x BB + 2.54 x (CCC/4) + 11.43																																																												
		DIM "F"		6.35 x BB + 2.54 x (CCC/4) + 6.35 x DD + 17.27																																																												
		DIM "G"		6.35 x BB + 5.72																																																												
		DIM "H"		6.35 x BB + 2.54 x (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.																																																																
<table><tr><td>dr</td><td>wcadmin</td><td>2006/11/08</td><td rowspan="3">projection </td><td rowspan="3">MM </td><td>size</td><td>A4</td><td>scale</td><td>1:1</td></tr><tr><td>eng</td><td>Jackie Huang</td><td>2013/06/27</td><td>ecn no</td><td colspan="2">ELX-DG-13802-1</td></tr><tr><td>chr</td><td>-</td><td>-</td><td>rel level</td><td colspan="2">Released</td></tr><tr><td>appr</td><td>Pei-Ming Zheng</td><td>2013/06/30</td><td colspan="2">product family</td><td colspan="2">PwrBlade</td><td colspan="2"></td></tr><tr><td colspan="2">FCI</td><td colspan="3">title</td><td colspan="2">RIGHT ANGLE HEADER w/GUIDE</td><td colspan="2">rev</td></tr><tr><td colspan="2"></td><td colspan="3"></td><td colspan="2">POWER / SIGNAL / POWER</td><td colspan="2">R</td></tr><tr><td colspan="2">www.fci.com</td><td colspan="2">cat. no.</td><td>51720</td><td colspan="2">Product - Customer Drw</td><td colspan="2">sheet 2 of 3</td></tr></table>								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				FCI		title			RIGHT ANGLE HEADER w/GUIDE		rev							POWER / SIGNAL / POWER		R		www.fci.com		cat. no.		51720	Product - Customer Drw		sheet 2 of 3	
dr	wcadmin	2006/11/08	projection 	MM 	size	A4	scale	1:1																																																								
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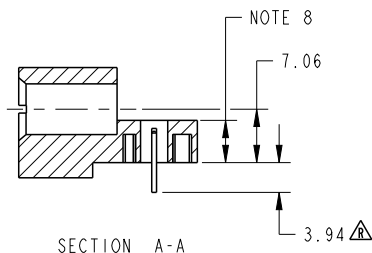
PRODUCT NUMBER
51720C- ABBCCCDDEF _ _
NOTE ①



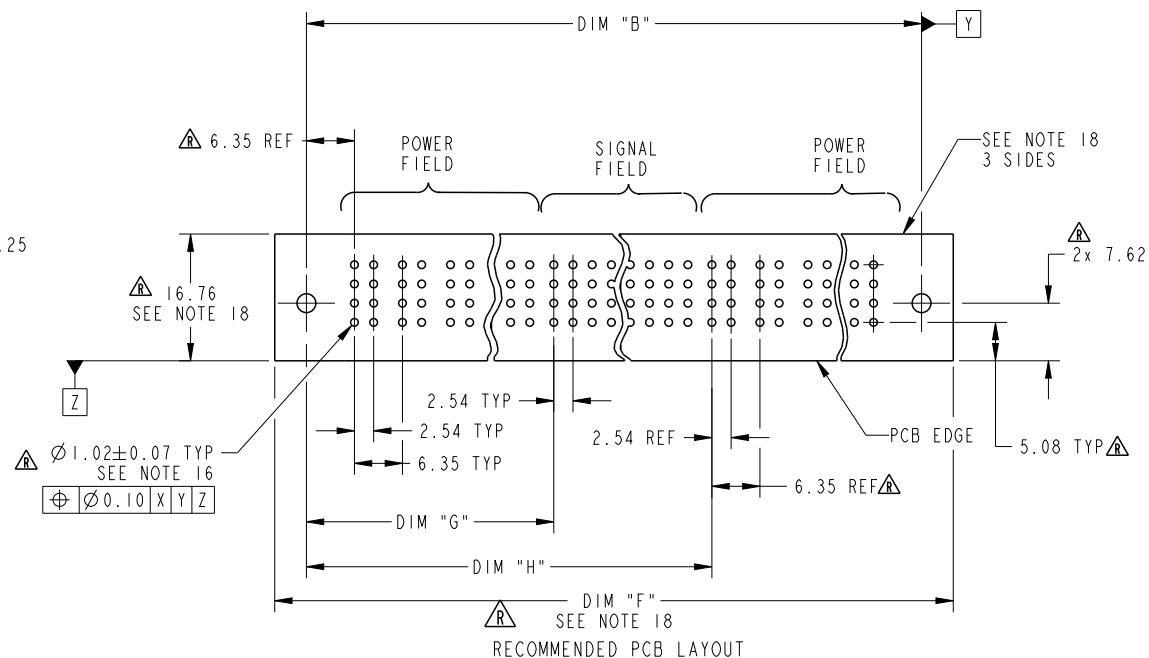
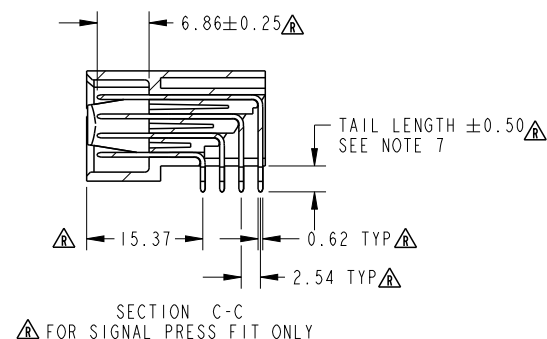
SECTION C-C
SCALE 1:1
FOR SIGNAL SOLDER TO BOARD ONLY

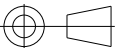


SECTION B-B
SCALE 1:1



SECTION A-A



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	-	-							
appr	Pei-Ming Zheng	2013/06/30	product family		PwrBlade		rel level		Released
	title	RIGHT ANGLE HEADER w/GUIDE				dwg no	51720		rev
		POWER / SIGNAL / POWER					R		
www.fci.com	cat. no.	51720	Product - Customer Drw				sheet 3 of 3		