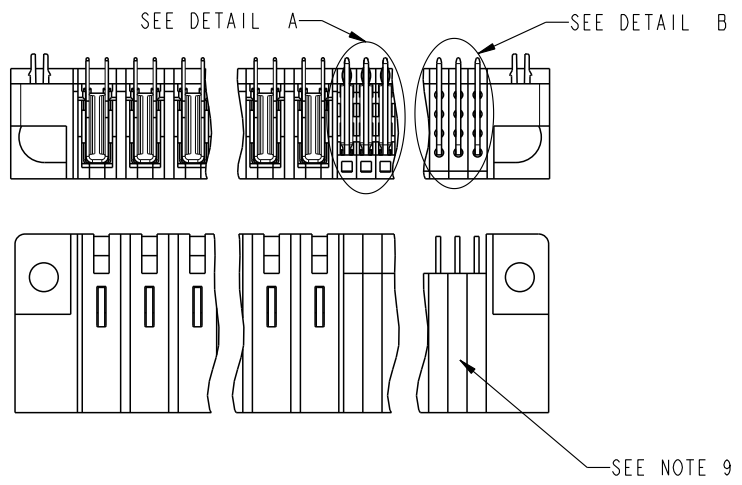




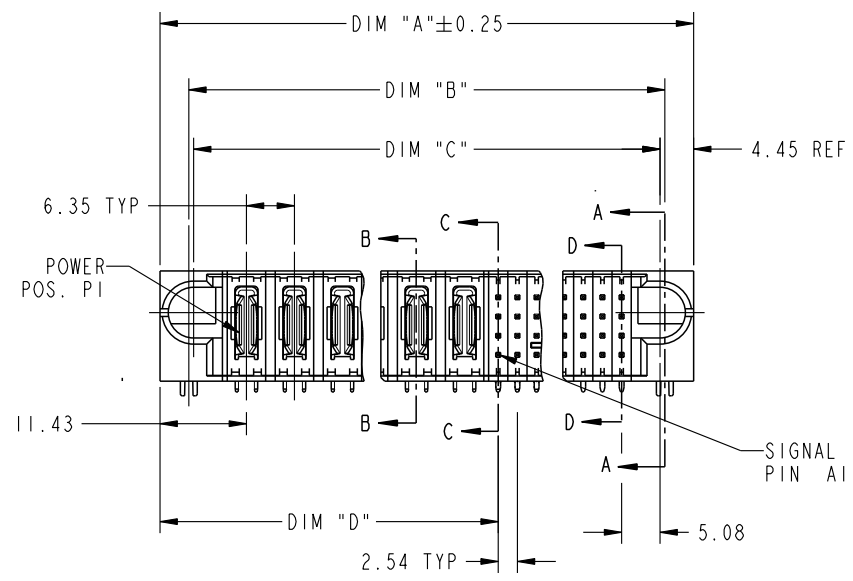
Copyright FCI.

PRODUCT NUMBER
51722-ABBCCC00EF_--
SEE NOTE 1



DETAIL A
SCALE 2:1
FOR SIGNAL PRESS FIT ONLY

DETAIL B
SCALE 2:1
FOR SIGNAL SOLDER TO BOARD ONLY



spec ref *				dr w wcadmin 2006/05/26		projection	MM	size A4	scale 1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Jackie Huang 2013/08/30				ecn no ELX-DG-15692-1	
				chr - -					
				appr Pei-Ming Zheng 2013/08/30					
						rel level Released			
surface ✓	linear	0.X	±0.50		title RIGHT ANGLE HEADER w/GUIDE POWER / SIGNAL	dwg no 51722	rev N		
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°					www.fci.com	cat. no. 51722



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PRODUCT NUMBER			DIM	LENGTH FORMULAS (SEE NOTE 10)	
51722-ABBCCC00EF_			DIM "A"	6.35 x BB +2.54 x (CCC/4) +16.51(NOTE 10)	
SEE NOTE 1			DIM "B"	6.35 x BB +2.54 x (CCC/4)+ 8.89	
			DIM "C"	6.35 x BB +2.54 x (CCC/4) + 7.62	
			DIM "D"	6.35 x BB + 9.53	
			DIM "F"	6.35 x BB +2.54 x (CCC/4) + 17.27	
			DIM "G"	6.35 x BB + 5.72	

CONNECTOR NOTES

1 PRODUCT NUMBER CODE:
51722 - A BB CCC 00 E F LF

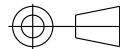
NO THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE
ADD THIS SUFFIX: 78u"/2.00um Sn ON PCB INTERFACE
RETENTION TO PCB (NOTE 8)
TAIL OPTIONS (NOTE 7)
ALWAYS '00' (ZERO, ZERO) (NOTE 6)
NUMBER OF SIGNAL CONTACTS (NOTE 5)
NUMBER OF LEFT POWER CONTACTS (NOTE 4)
PLATING (NOTE 3)
BASE NUMBER

- HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.
SIGNAL CONTACT MATERIAL: COPPER ALLOY
POWER CONTACT MATERIAL: COPPER ALLOY
- PLATING OPTION:
I = SEE PRINT 10064183 FOR PLATING SPEC OF 51722-1BBCCC00EF; 51722-1BBCCC00EFLF
B = SEE IN PRINT 10125789 FOR PLATING SPEC OF 51722-1BBCCC00EF; 51722-1BBCCC00EFLF
- LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE.
MAXIMUM OF 20 POWER CONTACTS PER CONNECTER.
- SIGNAL CONTACTS, 004 TO 148 AVAILABLE.
- THIS PART IS NOT AVAILABLE WITH RIGHT SIDE POWER CONTACTS.
- TAIL OPTIONS:
A = 3.43 SOLDER TO BOARD
C = 3.43 PRESS FIT

- RETENTION TO PCB OPTIONS:
A = BOARD LOCK (REQUIRES 2.49 +0.05, -0.03 THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS 5.59
B = 3.81 THRU HOLE (REQUIRES 4.01±0.07 THRU HOLE IN PCB).
MOUNTING FOOT THICKNESS 4.06
- MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
- THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 203.2
- PRODUCT SPECIFICATION GS-12-149
APPLICATION SPECIFICATION BUS-20-067
- REFERENCE 51730 FOR SELECT LOAD/FMLB FOR WORKSHEET

PCB NOTES:

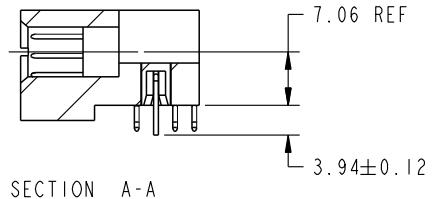
- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.10
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- Ø1.151 ±0.02 DRILLED HOLES PLATED WITH 0.007 MIN SnPb OVER 0.03 TO 0.08 PLATING TO ACHIEVE A 1.02±0.07 HOLE.
- A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
- CONNECTOR KEEP OUT ZONE

dr	w wadmin	2006/05/26	projection 	MM 	size	A4	scale	1:1							
eng	Jackie Huang	2013/08/30			ecn no			ELX-DG-15692-1							
chr	-	-													
appr	Pei-Ming Zheng	2013/08/30	product family			rel level		Released							
		title			RIGHT ANGLE HEADER w/GUIDE			dwg no		51722		rev		N	
www.fci.com		cat. no.			51722			Product - Customer Drw			sheet 2 of 3				

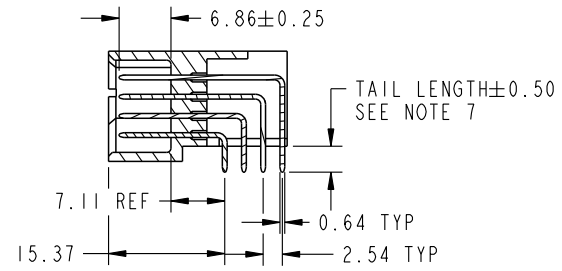


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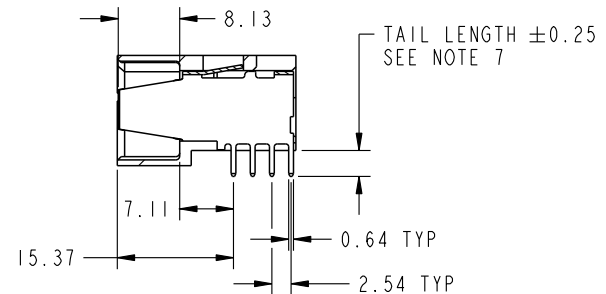
PRODUCT NUMBER
51722-ABBCCC00EF--
SEE NOTE 1



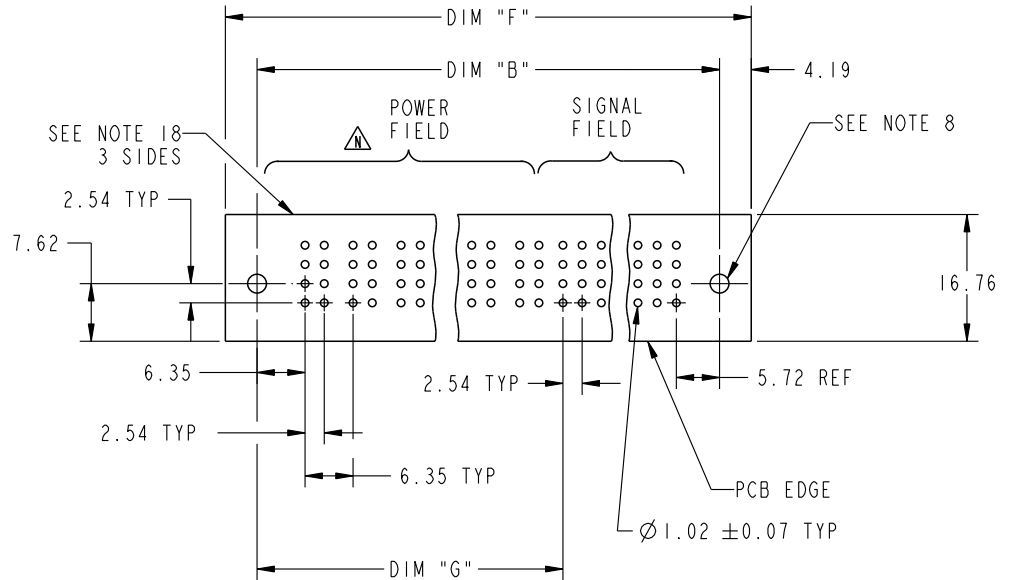
SECTION A-A



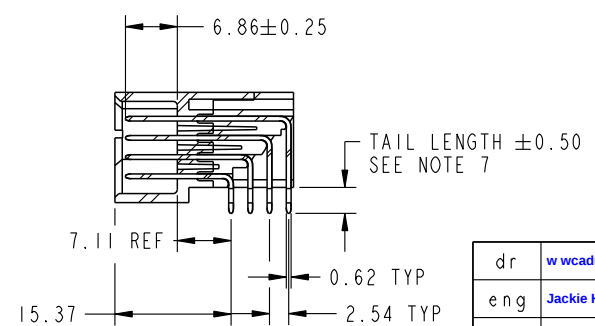
SECTION D-D
FOR SIGNAL SOLD TO BOARD ONLY



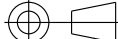
SECTION B-B



RECOMMENDED PCB LAYOUT



SECTION C-C
FOR SIGNAL PRESS FIT ONLY

dr	w wcadmin	2006/05/26	projection 	MM 	size	A4	scale	1:1			
eng	Jackie Huang	2013/08/30			ecn no	ELX-DG-15692-1					
chr	-	-			rel level			Released			
appr	Pei-Ming Zheng	2013/08/30	product family								
		title			RIGHT ANGLE HEADER w/GUIDE			dwg no	51722	rev	N
		POWER / SIGNAL									
www.fci.com		cat. no.		51722	Product - Customer Drw			sheet 3 of 3			