



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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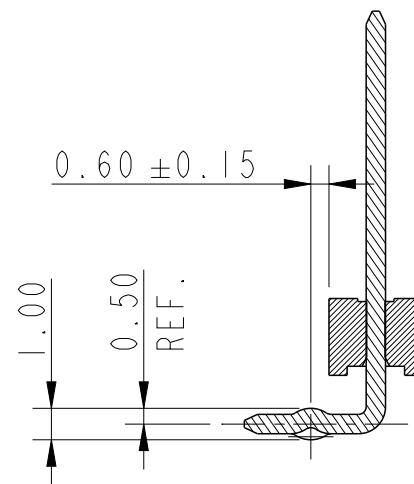
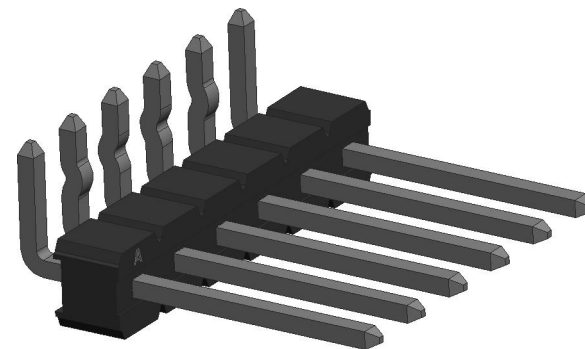
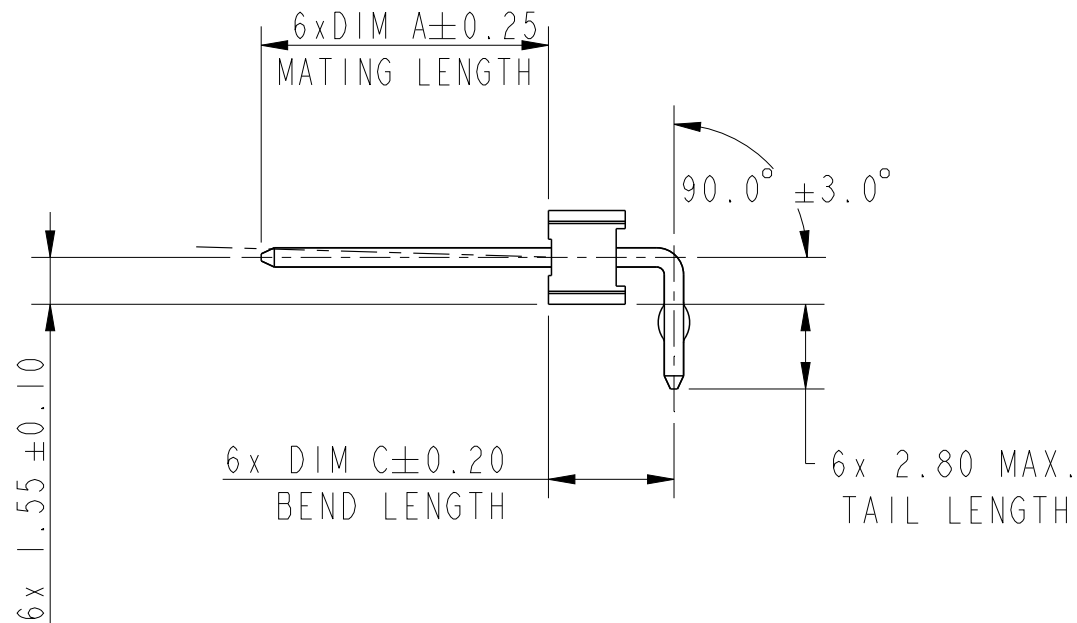
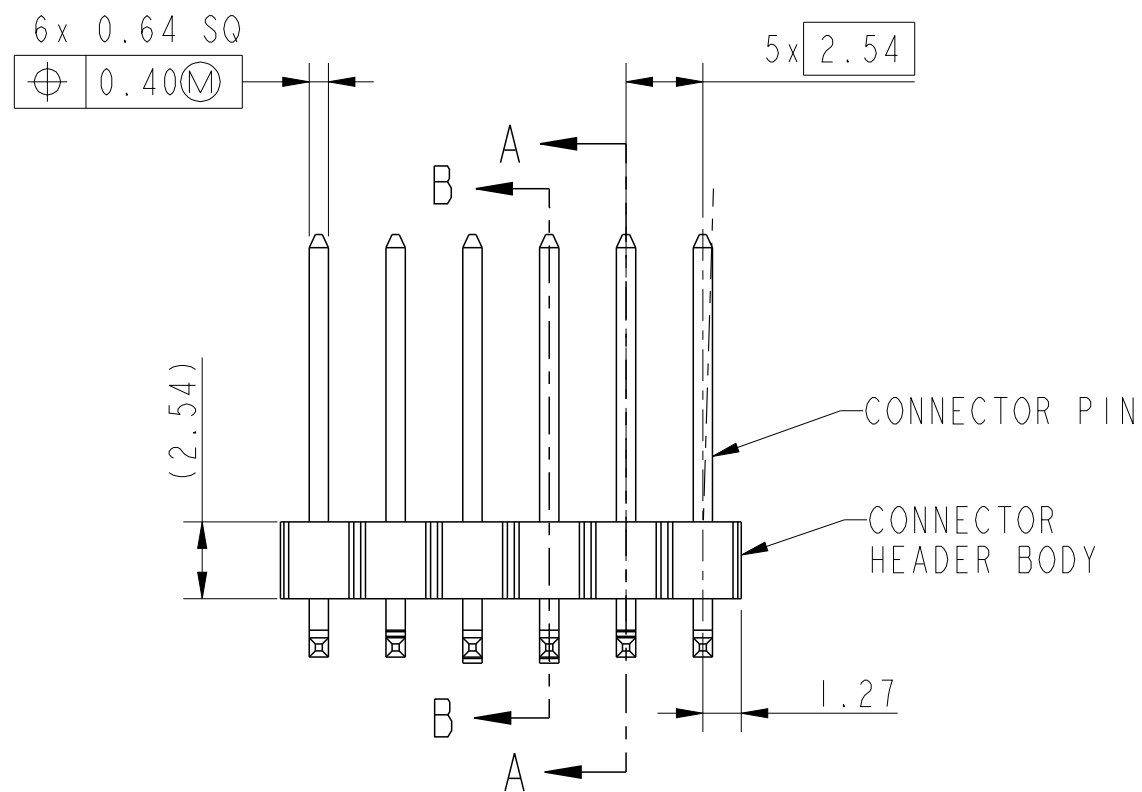
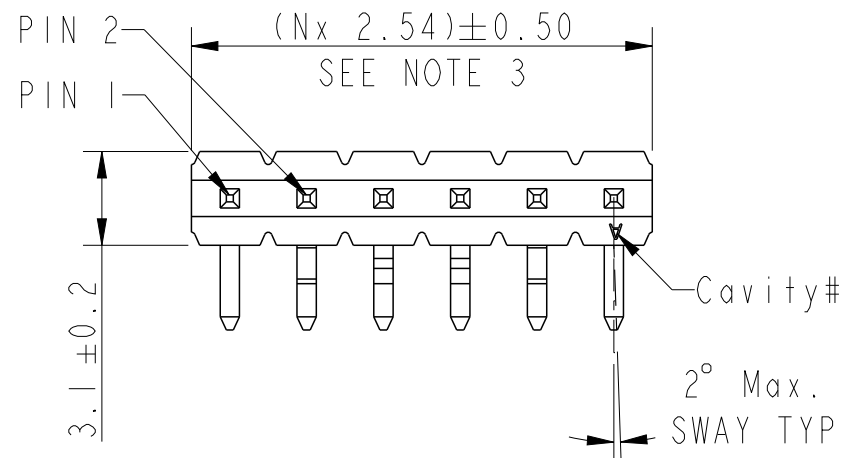
A

B

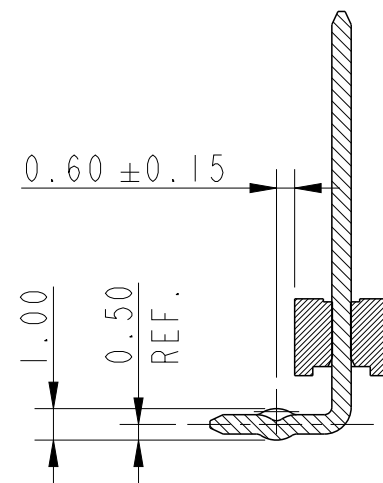
C

D

PART NUMBER
SEE TABLE



SECTION A-A
TYPICAL PIN 2 AND 5



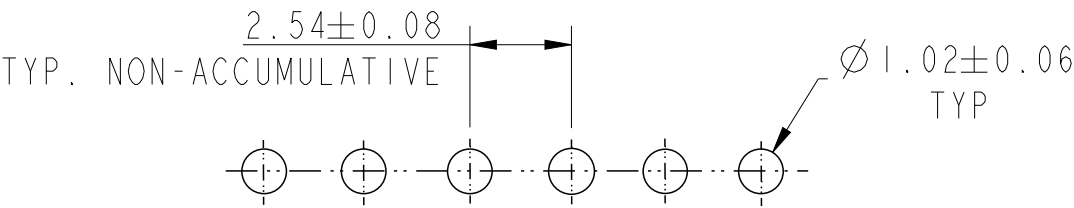
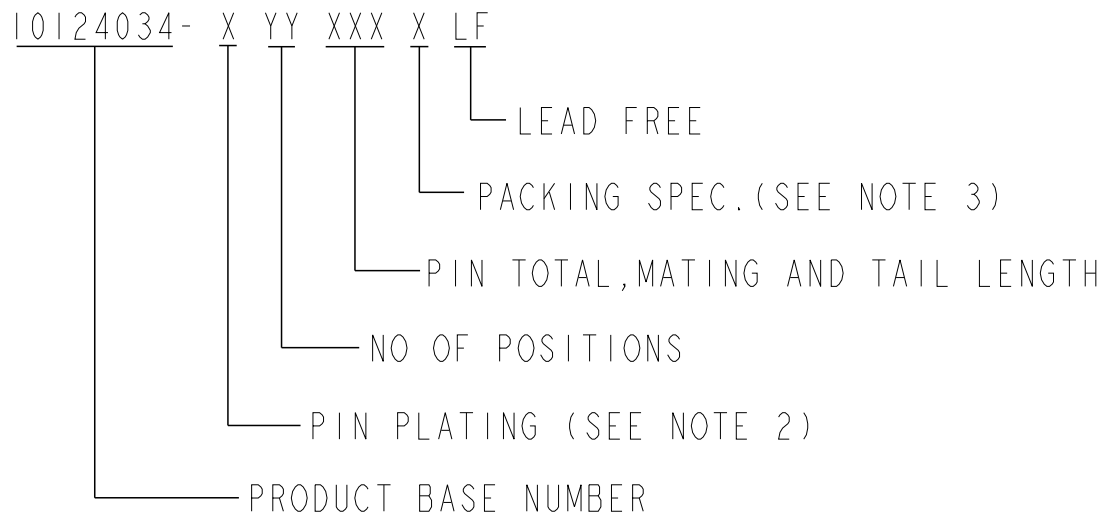
SECTION B-B
TYPICAL PIN 3 AND 4

spec ref		GS-14-050			dr		Brandon Ding		2013/03/27		projection		MM		size		A3		scale		1:1						
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Zheng-Kun Hu		2013/12/15						ecn no		ELX-N-16477-1										
					chr		-		-						rel level		Released										
					appr		Rick Bian		2013/12/18						product family		-										
surface ISO 1302		linear		0.X		±0.3				title		BERGSTIK HEADER								dwg no		10124034		rev		B	
				0.XX		±0.13																					
				0.XXX		±0.051																					
angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw								sheet 1 of 2							

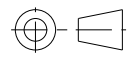



PART NUMBER	PLATING	MATING LENGTH	TAIL LENGTH	BEND LENGTH	RETENTION PIN POS.		PIN MATERIAL	STATUS
		DIM A	DIM B	DIM C	SECTION A-A	SECTION B-B		ACTIVE
10124034-406001LF	100u" MIN MATTE Sn OVER 50u" MIN Ni	9.5	2.80 MAX.	4.15	2, 5	3, 4	PHOSPHOR BRONZE	ACTIVE
10124034-406002LF	100u" MIN MATTE Sn OVER 50u" MIN Ni	9.5	2.80 MAX.	4.15	2, 5	3, 4	BRASS	NO TOOLED

- NOTES
1. MATERIAL:
CONNECTOR BODY:HIGH TEMPERATURE NYLON WITH 30% GLASS FIBER,
FLAME RETARDENT PER UL-94V-0. COLOR:BLACK.
CONNECTOR PIN:COPPER ALLOY REFER TO ABOVE TABLE.
2. FINISH: CONNECTOR PIN:SEE ABOVE PLATING CODE TABLE.
3. PACKAGING:
PACKAGED IN POLY BAGS WITHOUT CAP(BLANK).
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "C" ARE PACKAGED
IN TAPE AND REEL WITHOUT PICKUP CAP.
4. PRODUCT SPEC: BUS-12-050.
5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
6. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
7. 5LB/2.3KG MAX INSERTION FORCE AND .25LB/.1KG MIN RETENTION
FORCE PER RETENTIVE PIN USING 1.00mm THICK CIRCUIT BOARDS
AND RECOMMENDED HOLE PATTERN.
8. PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 10 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS

PRODUCT NUMBER CODES



RECOMMENDED PCB LAYOUT PATTERN

spec ref		GS-14-050			dr		Brandon Ding		2013/03/27		projection				MM		size		A3		scale		1:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Zheng-Kun Hu		2013/12/15						ecn no		ELX-N-16477-1										
					chr		-		-						rel level		Released										
					appr		Rick Bian		2013/12/18						product family		-										
surface ISO 1302	linear	0.X		±0.3				title		BERGSTIK HEADER						dwg no		10124034						rev		B	
		0.XX		±0.13																							
		0.XXX		±0.051																							
	angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw						sheet 2 of 2								