REV.	ECN NO.	DATE
A	RELEASED	5/3/'97
B	708008	8/5/'97
C	801045	10/20/'98
D	001001	1/26/'00
E	009018	9/29/'00
F	110025	10/25/'01
G	411009	11/26/'04

NOTE:

1.MATERIAL:
HOUSING:THERMOPLASTIC
CONTACTS:COPPER ALLOY

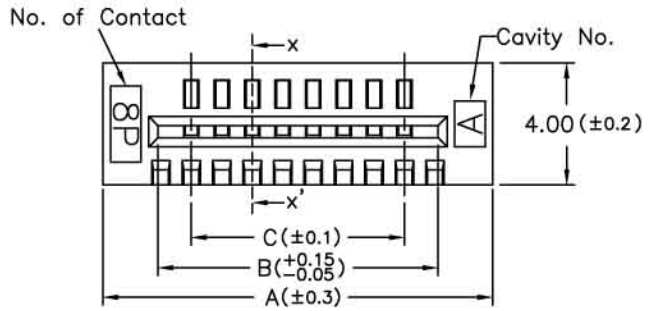
2.PLATING:
CONTACTS:SEE ORDERING INFORMATION
SOLDER PAD:SEE ORDERING INFORMATION

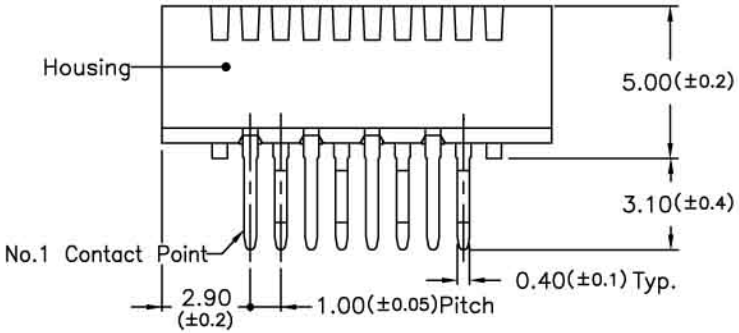
3.PART NO.:

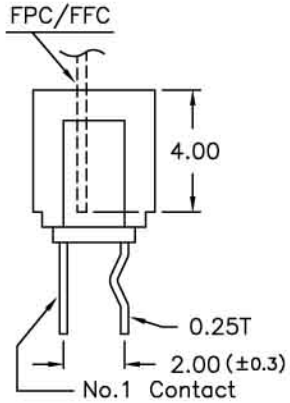
BL109– xx S– xx xx

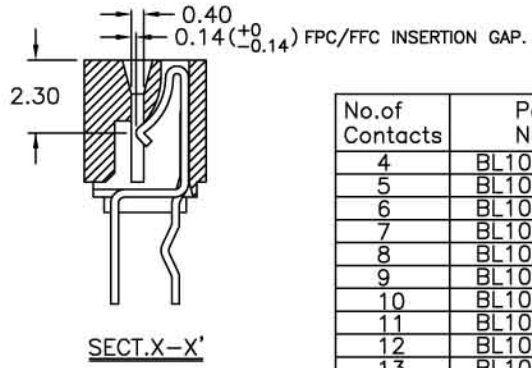
- SERIES
- NO. OF CONTACTS
- STRAIGHT
- PACKAGING TU–TUBE
- OO–TIN/LEAD OVER NICKEL
  ND–TIN OVER NICKEL(LEAD FREE)
  1G–1U" GOLD OVER NICKEL
  3G–3U" GOLD OVER NICKEL

4.RATING:
OPERATING VOLTAGE:50V
CURRENT RATING:0.5A
OPERATING TEMPERATURE:–55°C ~ +85°C

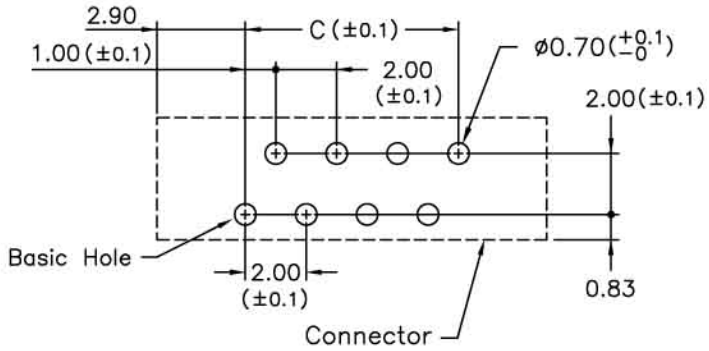




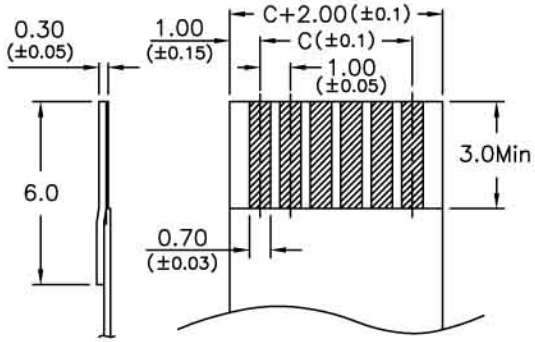




PCB Layout



Applicable FPC



No.of Contacts	Part Number	Dimensions A	B	C
4	BL109–04S	8.80	5.20	3.00
5	BL109–05S	9.80	6.20	4.00
6	BL109–06S	10.80	7.20	5.00
7	BL109–07S	11.80	8.20	6.00
8	BL109–08S	12.80	9.20	7.00
9	BL109–09S	13.80	10.20	8.00
10	BL109–10S	14.80	11.20	9.00
11	BL109–11S	15.80	12.20	10.00
12	BL109–12S	16.80	13.20	11.00
13	BL109–13S	17.80	14.20	12.00
14	BL109–14S	18.80	15.20	13.00
15	BL109–15S	19.80	16.20	14.00
16	BL109–16S	20.80	17.20	15.00
17	BL109–17S	21.80	18.20	16.00
18	BL109–18S	22.80	19.20	17.00
19	BL109–19S	23.80	20.20	18.00
20	BL109–20S	24.80	21.20	19.00
21	BL109–21S	25.80	22.20	20.00
22	BL109–22S	26.80	23.20	21.00
23	BL109–23S	27.80	24.20	22.00
24	BL109–24S	28.80	25.20	23.00
25	BL109–25S	29.80	26.20	24.00
26	BL109–26S	30.80	27.20	25.00
27	BL109–27S	31.80	28.20	26.00
28	BL109–28S	32.80	29.20	27.00
29	BL109–29S	33.80	30.20	28.00
30	BL109–30S	34.80	31.20	29.00
31	BL109–31S	35.80	32.20	30.00
32	BL109–32S	36.80	33.20	31.00

TOLERANCE UNLESS SPECIFIED		REV.	G	DR. BY	Bonnie Li	MATERIAL	See Note 1.		
LINEAR	ANGLE	SHEET	1/4	CHK. BY	S.T.LIN	FINISH	See Note 1.		
.X	X	SCALE	4/1	APP. BY	S.T.LIN	DATE	10/25/'01	TITLE	1.0mm Pitch FPC/FFC Connector
.XX	.X	UNIT	mm			PART NO.	See Note 2.	DWG NO.	D/BOOK/BOOK/BL109/HP
.XXX									