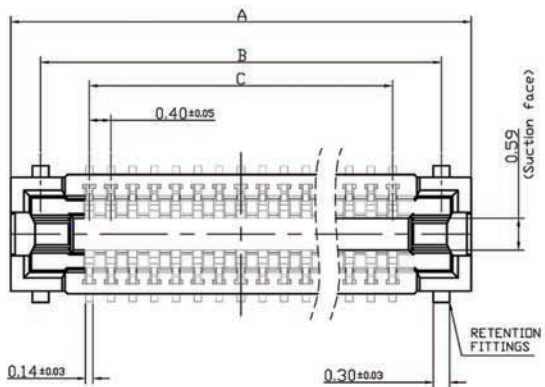
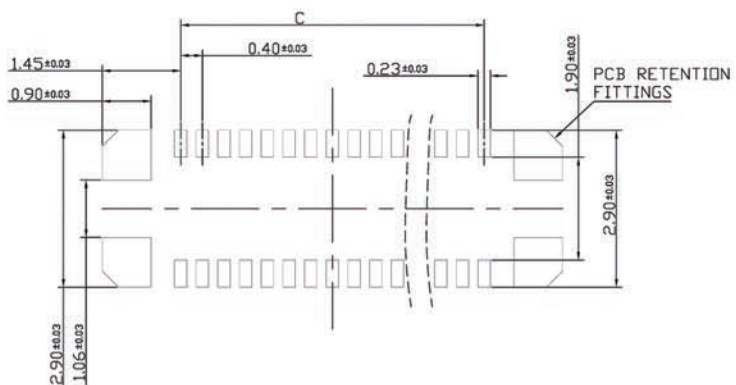


MATING SECTION



RECOMMENDED PCB LAYOUT

Specifications:

1) Material:

- 1-1. Molded portion: LCP resin (UL94 V-0)
- 1-2. Contact and Post: Copper alloy.

2) Surface treatment:

- 2-1. Terminal portion: Base: Ni plating Surface: Au plating (except the terminal tips) ; Exposed nickel portions.
- 2-2. Metal clips: Base: Ni plating Surface: Au flash plating (except the terminal tips) Or Base: Ni plating Surface: Sn flash plating (except the terminal tips)

3) Characteristics:

- 3-1. Rated voltage: 60V AC/DC
- 3-2. Rated current: 0.3A/contact (Max. 5A at total contact)
- 3-3. Insulation resistance: Min. 1000M Ω (initial)
- 3-4. Breakdown voltage: 150V AC for 1 min.
- 3-5. Saltwater spray resistance (header and socket mated): 24 hours, insulation resistance min.100M Ω , contact resistance max. 90m Ω
- 3-6. Contact resistance: Max. 90m Ω
- 3-7. Ambient temperature: -55 $^{\circ}$ C~+85 $^{\circ}$ C
- 3-8. Storage temperature: -55 $^{\circ}$ C~+85 $^{\circ}$ C (product only); -40 $^{\circ}$ C~+50 $^{\circ}$ C (emboss packing)
- 3-9. Composite insertion force: Max. 0.981N/contacts X contacts (initial)
- 3-10. Composite removal force: Min. 0.165N/contacts X contacts
- 3-11. Post holding force: Min. 0.49N/contacts
- 3-12. Insertion and removal life: 50 times

TABLE:

70	16.50	15.40	13.60
50	12.50	11.40	9.60
40	10.50	9.40	7.60
34	9.30	8.20	6.40
30	8.50	7.40	5.60
24	7.30	6.20	4.40
16	5.70	4.60	2.80
12	4.90	3.80	2.00
10	4.50	3.40	1.60
NUMBER OF CONTACTS	A	B	C

UNITS:		5&K ELECTRONICS CO.,LTD			
mm GENERAL TOLERANCE		PART NO.(INTENDED USE)	TITLE: BTB 0.4MM XP FEMALE H=0.8MM		
X. ° $\pm 5^{\circ}$	0. X ± 0.25	APPD:	DWG NO. BTB		
X. 1 $\pm 2^{\circ}$	0. XX ± 0.2	CHKD: Skila		SCALE	SHEET
XX. $\pm 1^{\circ}$	0. XXX ± 0.1	DR: Kitty		1:1	1 OF 1
				REV	A