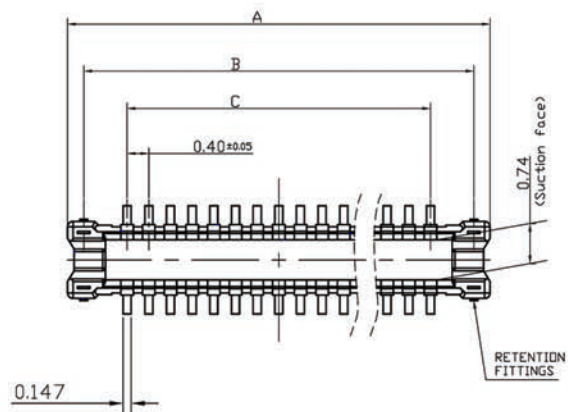


#### Specifications:

##### 1) Material:

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

##### 2) Surface treatment:

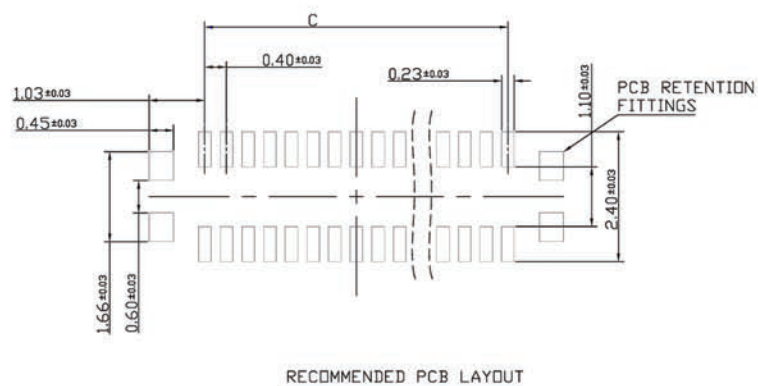
- 2-1. Terminal portion: Base: Ni plating Surface: Au plating (except the terminal tips) ; Exposed nickel portions.
- 2-2. Metal clips: Base: Ni plating Surface: Au flash plating (except the terminal tips) Or Base: Ni plating Surface: Sn flash plating (except the terminal tips)

##### 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 $\Omega$  (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 $\Omega$ , contact resistance max. 90m $\Omega$
- 3-6. Contact resistance: Max. 90m $\Omega$
- 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                 | 15.80 | 15.20 | 13.60 |
| 50                 | 11.80 | 11.20 | 9.60  |
| 40                 | 9.80  | 9.20  | 7.60  |
| 34                 | 8.60  | 8.00  | 6.40  |
| 30                 | 7.80  | 7.20  | 5.60  |
| 24                 | 6.60  | 6.00  | 4.40  |
| 10                 | 3.80  | 3.20  | 1.60  |
| NUMBER OF CONTACTS | A     | B     | C     |



| UNITS:                  |            | 5&K<br>ELECTRONICS CO.,LTD |                                  |       |        |
|-------------------------|------------|----------------------------|----------------------------------|-------|--------|
| mm<br>GENERAL TOLERANCE |            | PART NO.(INTENDED USE)     | TITLE: BTB 0.4MM XP MALE H=0.8MM |       |        |
| X. ° ±5°                | 0. X±0.25  | APPD:                      | DWG NO. BTB                      |       |        |
| X. 1 ±2°                | 0. XX±0.2  | CHKD: Skila                |                                  | SCALE | SHEET  |
| XX. ±1°                 | 0. XXX±0.1 | DR: Kitty                  |                                  | 1:1   | 1 OF 1 |
|                         |            |                            |                                  | REV   | A      |