

specifications

1. Material:
 - 1-1. Molded portion: LCP resin (ul94-0)
 - 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. 1000MΩ (initial)
 - 3-4. Breakdown voltage: 150V AC for 1 min.
 - 3-5. Saltwater spray resistance (header and socket mated): 24 hours, insulact resistance max. 90mΩ.
 - 3-6. Contact resistance: Max. 90mΩ.
 - 3-7. Ambient temperature: -55°C ~ +85°C.
 - 3-8. Storage temperature: -55°C ~ +88°C (product only); -40°C ~ +50°C (emboss packing).
 - 3-9. Composite insertion force: Max. 0.918N/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.

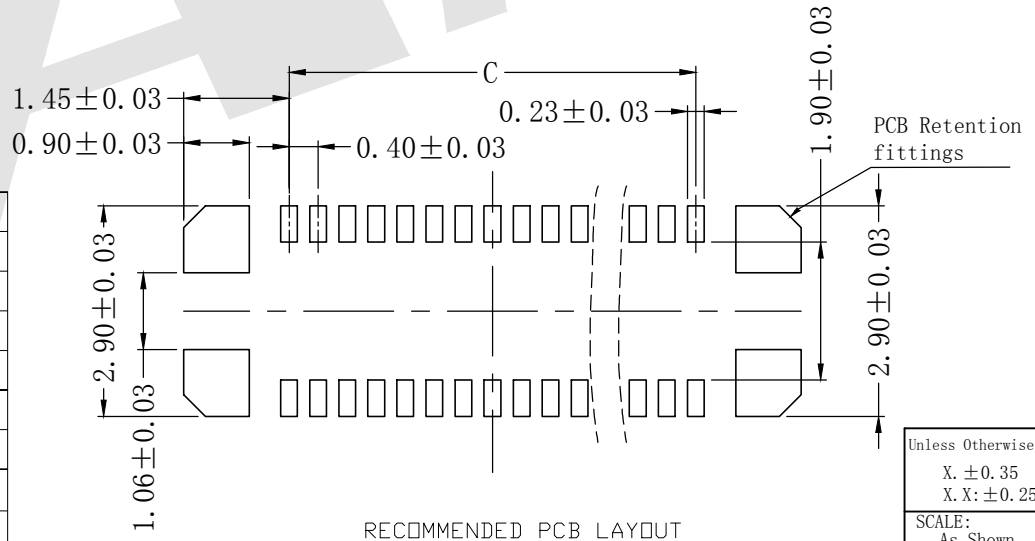
Ordering Code:

BB0.4 - F - 0.8 - X - X - X - 02
 ① ② ③ ④ ⑤ ⑥ ⑦

- | | |
|---|---|
| ① Series NO:
0.4mm Board to Board connector | ⑤ Contact Plating
G0: Gold flash
G1: 3u" Gold
G2: 5u" Gold
G3: 10u" Gold
G4: 15u" Gold
G5: 30u" Gold
SN: Tin |
| ② M: Male F: Female | ⑥ Packing
T: Tube A: Tray
B: Bag U: Tube+CAP
R: tape&Reel
W: tape&Reel+CAP |
| ③ mating Height:
0.8=0.80mm | ⑦ serial number: 02 |
| ④ NO. of contacts:
see table
For example
24: 24poles | |

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



Unless Otherwise specified tolerance	
X. ±0.35	X.XX: ±0.20
X.X: ±0.25	X.XXX: ±0.15
SCALE: As Shown	UNIT: mm
DRAW Mo Guo Xuan	DATE 12/11/2018
CHECK BobYang	DATE 12/11/2018

Antenk ANTENK ELECTRONICS CO., LTD
[Http://www.antenk.com](http://www.antenk.com)
 E-mail: sales@antenk.com

TITLE:	0.4mm Board to Board connector, Female, mating Height=0.80mm
DRAWING NO:	BB0.4F-0.8XXX02
PRODUCT NO:	BB0.4F-0.8XXX02

REV	DESCRIPTION	DATE

