



Recommended P.C.Board Layout (Tolerance:±0.05)

Specifications
 Current Rating:0.4Amp
 Insulation Resistance:500MΩ Min.
 Dielectric Withstanding Voltage:250VAC
 Contact Resistance:100mΩ Max.
 Operating Temperature:-40° C to +105° C
 Materials
 Contact Material:Bronze
 Insulator Material:High Temperature Thermoplastic,
 UL 94V-0 LCP or The Equivalent Material
 All Materials Must Meet GREENCONN Hazardous
 Substances Control Standards.

Ordering Code:

BBF0.5 - M - X - X - X - X - 03
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series NO: 0.5mm Board to Board Floating Connector
- ② M:Male F:Female
- ③ Mating Height: 7.45=7.45mm
- ④ NO. of Contacts: See Table For Example 20:20 Poles
- ⑤ Contact Plating: G0: Gold Flash, G1: 3u" Gold, G2: 5u" Gold, G3: 10u" Gold, G4: 15u" Gold, G5: 30u" Gold, SN:Tin
- ⑥ Packing: T:Tube A:Tray, B:Bag U:Tube+CAP, R:tape&Reel, W:tape&Reel+CAP
- ⑦ Serial Number: 03

Unless Otherwise specified tolerance
 X. ±0.35 X.XX:±0.20
 X.X:±0.25 X.XXX:±0.15

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[Http://www.atkconn.com](http://www.atkconn.com)

SCALE: As Shown	UNIT: mm
DRAW ZLA	DATE 24/10/2022
CHECK BobYang	DATE 24/10/2022
VER. A0	

TITLE: 0.5MM Floating Board to Board Male Plug Connector With Post Mating Height 7.45mm

DRAWING NO: BBF0.5M-XXXX03
 PRODUCT NO: BBF0.5M-XXXX03

REV	DESCRIPTION	DATE
1		
2		
3		
4		
5		