

HSF

RoHS

Ordering Code:

BB0.35 - F - X - X - X - 01  
① ② ③ ④ ⑤ ⑥

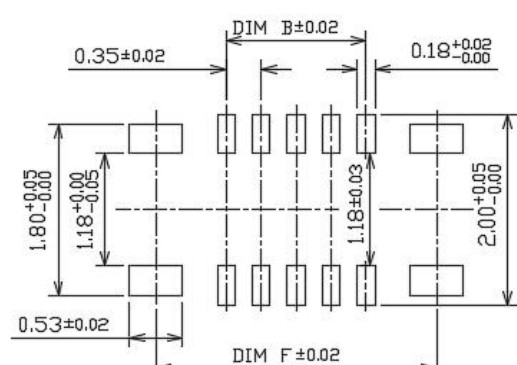
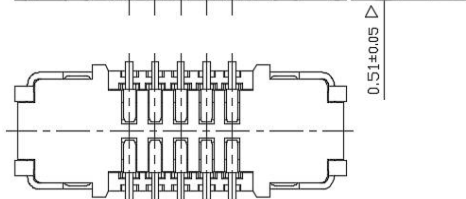
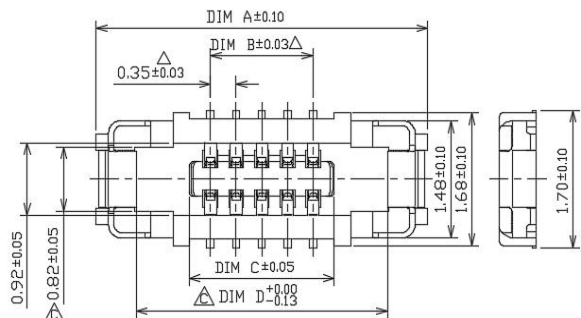
- ① Series NO:  
0.5mm Board to Board connector
- ② F:Female
- ③ NO. of Contacts:  
06 08 10 12  
16 20 PIN
- ④ Contact Plating:  
S0:Selective  
S1:Selective 3u"  
S2:Selective 5u"  
S3:Selective 10u"  
S4:Selective 15u"  
S5:Selective 30u"  
SN:Tin
- ⑤ Packing  
T:Tube A:Tray  
B:Bag U:Tube+CAP  
R:Tape & Reel  
W:Tape & Reel+CAP
- ⑥ Serial Number: 01

NOTES:

- Housing:LCP High-Temp Plastic UL94V-0 Black
- Terminal:Phosphor Bronze
- Plating:10u" Gold IN Contact Area Matte Tin on Tail
- 1. Insulation resistance  
150V DC/one minute
- 2. withstanding voltage  
250v AC/one minute
- 3. Contact resistance  
Signal pin:50mΩ max hold  
down:30mΩ max
- 4. Vibration  
Frequency:10HZ TO 50HZ  
Half amplitude of 0.75mm  
10 cycles in each of 3 axis  
directions for 5 minutes/cycle
- 5. Humidity  
Mated Connector and apply  
the following test condition.  
Temperature:+40±2° C  
Duration:240 Hours
- 6. Humidity Cycling  
Mated Connector and apply the following  
test condition. Cycle:10 cycles  
Temperature:+25(-10)-65° C  
Humidity:90-98%RH
- 7. Durability  
30 cycles
- 8. Resistance to soldering heat  
Re flow:At the recommended temperature profile  
Manual soldering:350±10° C for 5±1s  
Application:3 times
- 9. Salt water spray  
Mated connector and apply the following  
test condition  
Temperature:+35±2° C  
Salt water density:5±1% Duration: 48 Hours
- 10. Mating&Unmating Force  
Operation Speed:25±3mm  
Durability Cycles: 30 Cycles



Mating Section



PCB Layout

PartNumber	Number of posions	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F
BB0.35-F06XX01	06	3.82	0.70	1.28	2.73	3.48	2.11
BB0.35-F08XX01	08	4.17	1.05	1.63	3.08	3.83	2.46
BB0.35-F10XX01	10	4.52	1.40	1.98	3.43	4.18	2.81
BB0.35-F12XX01	12	4.87	1.75	2.33	3.78	4.53	3.16
BB0.35-F16XX01	16	5.57	2.45	3.03	4.48	5.23	3.86
BB0.35-F20XX01	20	6.27	3.15	3.73	5.18	5.93	4.56

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

**Antenk** ANTENK ELECTRONICS CO.,LTD  
Http://www.antenk.com  
E-mail:sales@antenk.com

SCALE: As Shown UNIT: mm  
DRAW TMX DATE 10/22/2021  
CHECK BobYang DATE 10/22/2021

TITLE:  
0.35mm Pitch, 0.60mm Height, Board-to-Board connector SOCKET TYPE



DRAWING NO: BB0.35-FXXX01  
PRODUCT NO: BB0.35-FXXX01

REV	DESCRIPTION	DATE

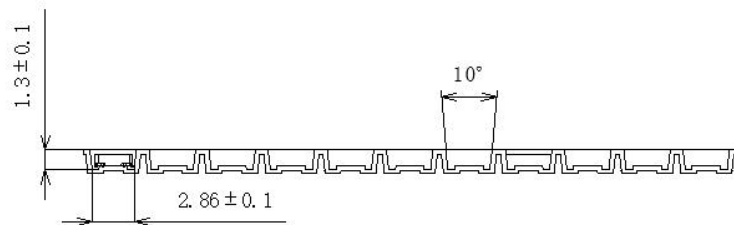
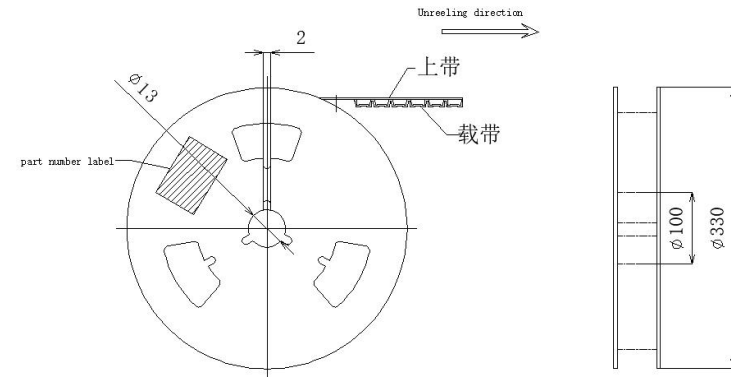
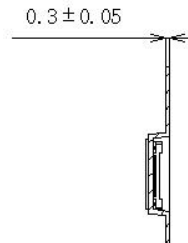
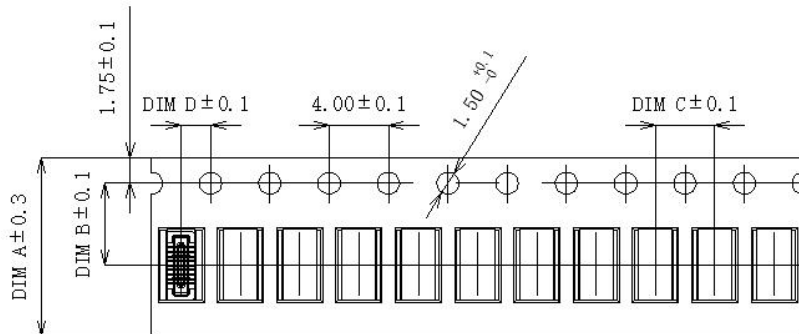


Packing dimension table

part Number	A	B	C	D	Quantity (PC/REEL)
BB0.35-F06XX01	12	5.5	8	2	10000
BB0.35-F08XX01	12	5.5	8	2	10000
BB0.35-F10XX01	12	5.5	8	2	10000
BB0.35-F12XX01	12	5.5	8	2	10000
BB0.35-F16XX01	16	7.5	8	2	10000
BB0.35-F20XX01	16	7.5	8	2	10000

Packing Specification Embossed Carrier Tape Dimensions-Socket

Reel Dimensions-Socket



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 X.X: ±0.25 X.XXX: ±0.15

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TITLE:  
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