

HSF



Ordering Code:

BB0.35 - M - X - X - X - 01
① ② ③ ④ ⑤ ⑥① Series NO:
0.5mm Board to
Board connector

② M:Male

③ NO. of Contacts:
06 08 10 12
16 20 PIN④ Contact Plating:
S0:Selective
S1:Selective 3u"
S2:Selective 5u"
S3:Selective 10u"
S4:Selective 15u"
S5:Selective 30u"
SN:Tin⑤ 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

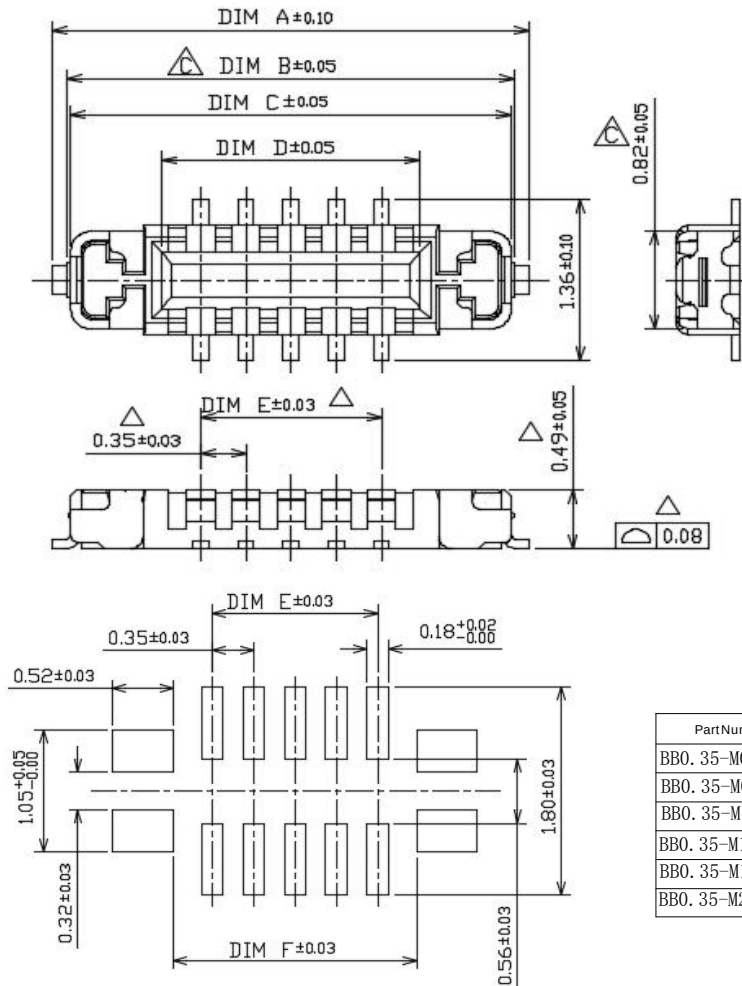
Salt water density:5±1%

Duration: 48 Hours

10. Mating&Unmating Force

Operation Speed:25±3mm

Durability Cycles: 30 Cycles



PCB Layout

PartNumber	Number of positions	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F
BB0.35-M06XX01	06	2.99	2.76	2.73	1.30	0.70	1.36
BB0.35-M08XX01	08	3.34	3.11	3.08	1.65	1.05	1.71
BB0.35-M10XX01	10	3.69	3.46	3.43	2.00	1.40	2.06
BB0.35-M12XX01	12	4.04	3.81	3.78	2.35	1.75	2.41
BB0.35-M16XX01	16	4.74	4.51	4.48	3.05	2.45	3.11
BB0.35-M20XX01	20	5.44	5.21	5.18	3.75	3.15	3.81

Unless Otherwise specified tolerance
X. ±0.35 X.XX: ±0.20
X.X: ±0.25 X.XXX: ±0.15SCALE:
As Shown UNIT:
mm
DRAW
TMX DATE
10/22/2021
CHECK
BobYang DATE
10/22/2021

3rd ANGLE PROJECTION

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

TITLE:

0.35mm Pitch, 0.60mm Height, Board-to-Board Plug Type

DRAWING NO: BB0.35-MXXX01

PRODUCT NO: BB0.35-MXXX01

REV

DESCRIPTION

DATE

