



Ordering Code:

BBO.35 - M - X - X - X - 01  
 ① ② ③ ④ ⑤ ⑥

- ① Series NO:  
0.5mm Board to Board connector
- ② M:Male
- 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

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

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

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 ZLA DATE  
24/10/2022  
 CHECK BobYang DATE  
24/10/2022  
 VER.  
A0

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

DRAWING NO: BBO.35-MXXX01

PRODUCT NO: BBO.35-MXXX01

REV	DESCRIPTION	DATE