



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

Ordering Code:

BB0.35 - 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

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
3rd ANGLE PROJECTION

Atkconn® ATKCONN ELECTRONICS CO., LTD
Http://www.atkconn.com

TITLE:
0.35mm Pitch, 0.60mm Height, Board-to-Board Socket Type
DRAWING NO: BBO.35-FXXX01
PRODUCT NO: BBO.35-FXXX01

REV	DESCRIPTION	DATE
1		
2		
3		
4		
5		