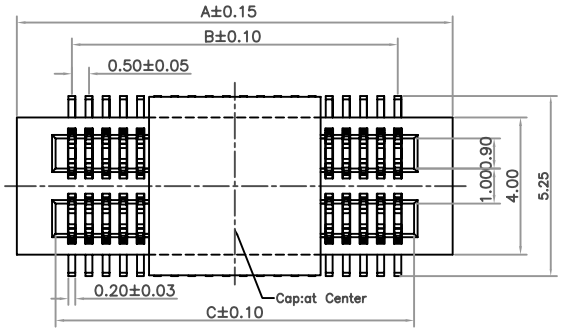
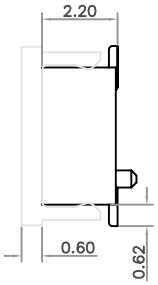
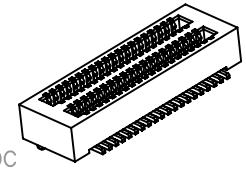


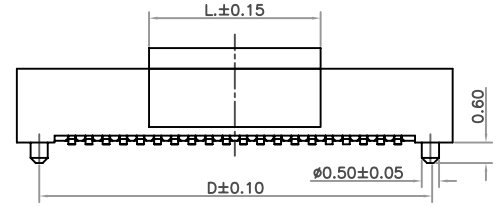



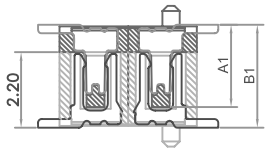



Specifications:
1. Current Rating : 0.5A AC/DC
2. Voltage Rating : 50V AC/DC
3. Contact Resistance : 30m ohm. max.
4. Insulation Resistance : 100M ohm. min.at 100V DC
5. Withstanding Voltage : 100V AC for one minute
6. Operating Temperature Range : −20°C to +105°C

Material and Plated:
1.Housing :High Temp. Plastic (Nylon 46 UL94V−0)
Color :White
2.Contact : Phosphor Bronze
3.Plated : Gold Plated
Package:1400Pcs/Reel

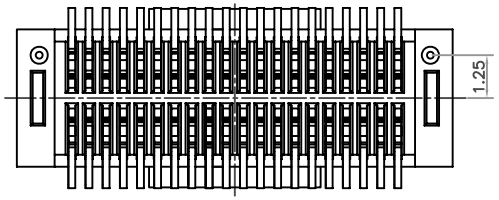
How To Order
BBS05D−XXG−220
- Height 2.20mm
- G: Gold Plated
- No. Of Contact
- S:Socket



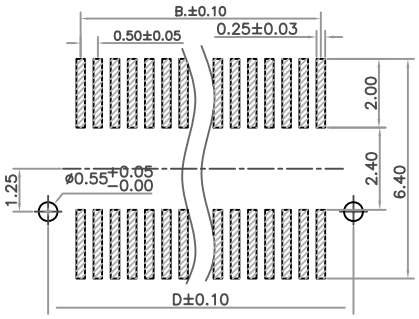

Mating Drawing (Ref)

| Dim. L | Applicable Number |
|---|---|
| 5.00 | (10 to 48) Pin |
| 12.0 | (50 to 120) Pin |




**Mating Dimension

| P/N(Plug) | P/N(Socket) | Plug Height Dim A1 | Mating Height Dim B1 |
|---|---|---|---|
| BBP05D−XXG−240 | BBS05D−XXG−220 | 2.40 | 3.00 |
| BBP05D−XXG−290 | BBS05D−XXG−220 | 2.90 | 3.50 |




PCB LAYOUT

Dimension :

| Contact | DIM. A | DIM. B | DIM. C | DIM. D | Contact | DIM. A | DIM. B | DIM. C | DIM. D | Contact | DIM. A | DIM. B | DIM. C | DIM. D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 5.20 | 2.00 | 2.96 | 3.90 | 28 | 9.70 | 6.50 | 7.46 | 8.40 | 46 | 14.20 | 11.00 | 11.96 | 12.90 |
| 12 | 5.70 | 2.50 | 3.46 | 4.40 | 30 | 10.20 | 7.00 | 7.96 | 8.90 | 48 | 14.70 | 11.50 | 12.46 | 13.40 |
| 14 | 6.20 | 3.00 | 3.96 | 4.90 | 32 | 10.70 | 7.50 | 8.46 | 9.40 | 50 | 15.20 | 12.00 | 12.96 | 13.90 |
| 16 | 6.70 | 3.50 | 4.46 | 5.40 | 34 | 11.20 | 8.00 | 8.96 | 9.90 | 60 | 17.70 | 14.50 | 15.46 | 16.40 |
| 18 | 7.20 | 4.00 | 4.96 | 5.90 | 36 | 11.70 | 8.50 | 9.46 | 10.40 | 70 | 20.20 | 17.00 | 17.96 | 18.90 |
| 20 | 7.70 | 4.50 | 5.46 | 6.40 | 38 | 12.20 | 9.00 | 9.96 | 10.90 | 80 | 22.70 | 19.50 | 20.46 | 21.40 |
| 22 | 8.20 | 5.00 | 5.96 | 6.90 | 40 | 12.70 | 9.50 | 10.46 | 11.40 | 90 | 25.20 | 22.00 | 22.96 | 23.90 |
| 24 | 8.70 | 5.50 | 6.46 | 7.40 | 42 | 13.20 | 10.00 | 10.96 | 11.90 | 100 | 27.70 | 24.50 | 25.46 | 26.40 |
| 26 | 9.20 | 6.00 | 6.96 | 7.90 | 44 | 13.70 | 10.50 | 11.46 | 12.40 | 120 | 32.70 | 29.50 | 30.46 | 31.40 |

RoHS Compliant

| REV | DATE | FILE | BY |
|---|---|---|---|
| F | | | |
| E | | | |
| D | | | |
| C | | | |
| B | | | |
| A | 08−SEP−2013 | (PC0001) | Ken |

DRAWN: Ken
CHECKED: Lily Chou
APPROVAL: Chao Peng

GENERAL TOLERANCE:
.X=±0.20
.XX=±0.15

UNIT: MM
SCALE: 1:1
SHEET: 1 / 1
PROJECTION:

HOYATO Connector supplies

DESCRIPTION: 0.5mm Board To Board Socket 2.2mm Height SMT Type

PART NO: BBS05D−XXG−220

SIZE A4