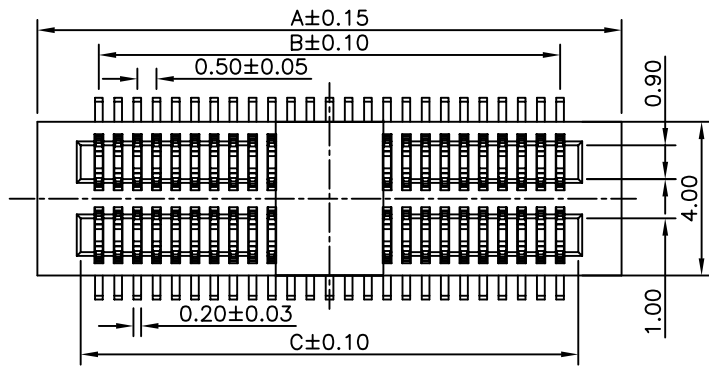


Mating Draw (Ref)

\*\*Mating Dimension

| P/N(Plug)       | P/N(Socket)     | Plug Height<br>Dim A1 | Mating Height<br>Dim B1 |
|-----------------|-----------------|-----------------------|-------------------------|
| NP05K-P20XC-xxx | NP05K-S30XC-xxx | 3.90                  | 5.0                     |
| NP05K-P25XC-xxx | NP05K-S30XC-xxx | 4.40                  | 5.5                     |

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

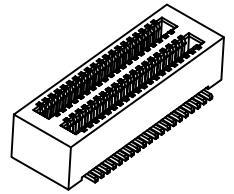
Material and Plated

1.Housing :High Temp. Plastic (Nylon 46 UL94V-0)  
Color :White

2.Contact : Phosphor Bronze

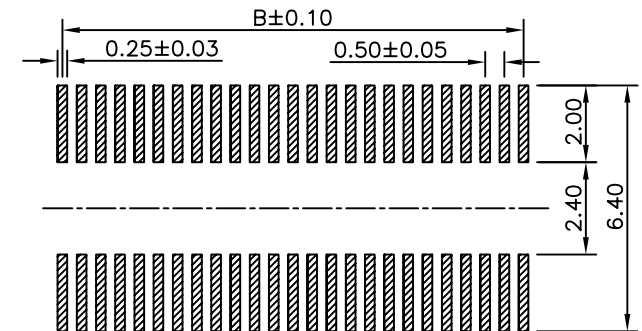
3.Plated : Gold Plated

Package:1200Pcs/Reel



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   | 2.92   | 3.00   | 28      | 9.70   | 6.50   | 7.42   | 7.50   | 46      | 14.20  | 11.00  | 11.92  | 12.00  |
| 12      | 5.70   | 2.50   | 3.42   | 3.50   | 30      | 10.20  | 7.00   | 7.92   | 8.00   | 48      | 14.70  | 11.50  | 12.42  | 12.50  |
| 14      | 6.20   | 3.00   | 3.92   | 4.00   | 32      | 10.70  | 7.50   | 8.42   | 8.50   | 50      | 15.20  | 12.00  | 12.92  | 13.00  |
| 16      | 6.70   | 3.50   | 4.42   | 4.50   | 34      | 11.20  | 8.00   | 8.92   | 9.00   | 60      | 17.70  | 14.50  | 15.42  | 15.50  |
| 18      | 7.20   | 4.00   | 4.92   | 5.00   | 36      | 11.70  | 8.50   | 9.42   | 9.50   | 70      | 20.20  | 16.50  | 17.95  | 18.00  |
| 20      | 7.70   | 4.50   | 5.42   | 5.50   | 38      | 12.20  | 9.00   | 9.92   | 10.00  | 80      | 22.70  | 19.50  | 20.42  | 20.50  |
| 22      | 8.20   | 5.00   | 5.92   | 6.00   | 40      | 12.70  | 9.50   | 10.42  | 10.50  | 90      | 25.20  | 22.00  | 22.92  | 23.00  |
| 24      | 8.70   | 5.50   | 6.42   | 6.50   | 42      | 13.20  | 10.00  | 10.92  | 11.00  | 100     | 27.70  | 24.50  | 25.42  | 25.50  |
| 26      | 9.20   | 6.00   | 6.92   | 7.00   | 44      | 13.70  | 10.50  | 11.42  | 11.50  | 120     | 32.70  | 29.50  | 30.42  | 30.50  |



PCB Layout

RoHS Compliant

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X. ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

照片框

ORDER INFORMATION

NP05K-S30XC-xxx-LF

SERIES | LEADFREE  
010~120WAY  
CAP  
NON POST  
UNMATED HIGH 3,0mm  
FEMALE

DESCRIPTION: 0.5mm Board To Board Socket 3.0mm Height