

RoHS

## SPECIFICATIONS

### PERFORMANCE

Signal Current Rating:2A/1PIN

Ground Plane Powered Current Rating:

25A/1Ground Plane Powered

Voltage Rating:125V AC

Insulation Resistance: 500MΩ Min

Contact Resistance: 50mΩ Max

Withstang Volt:500V AC/minute

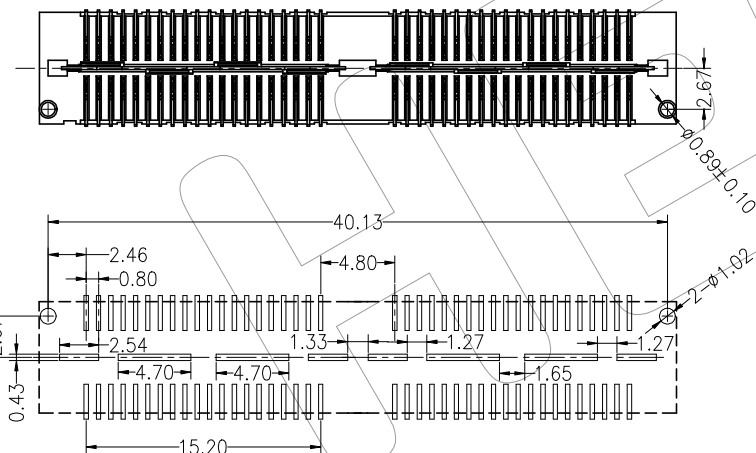
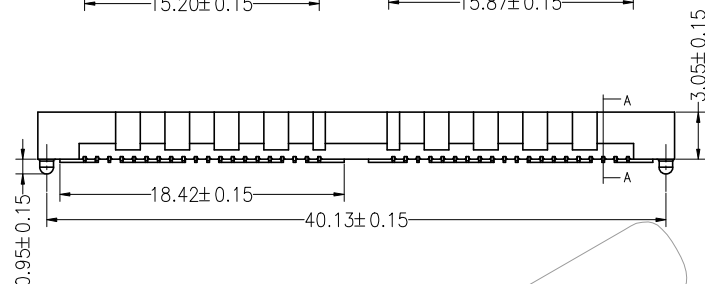
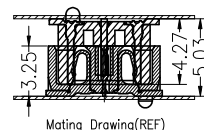
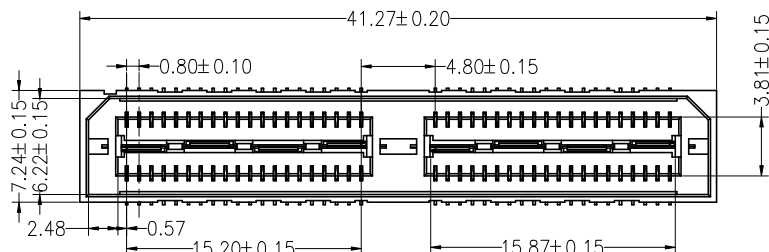
Opratng Temperature:-55°C to +125°C

Material

Contact:Phosphor Bronze Gold-Plated

Housing:LCP

Max.Processing Temp: 260°C±5°C 5S



Recommended P.C.B Layout(Top Side)  
(PCB BOARD TOLERANCE±0.05)

## Ordering Information

|                    |                            |                              |                                                                                                                                        |                                                                          |                                             |                             |                      |
|--------------------|----------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------|-----------------------------|----------------------|
| HC-BTB80           | M                          | 080                          | 032                                                                                                                                    | XX                                                                       | X                                           | X                           | 0X                   |
| M=Male<br>F=Female | No.of pins<br>NPin<br>N=80 | Plastic Height<br>032=3.25mm | Contact Plating<br>G0:Gold Flash<br>G1:3U" Gold<br>G2:5U" Gold<br>G3:10U" Gold<br>G4:15U" Gold<br>S0:1.5U" Gold/Tin<br>S1:3U" Gold/Tin | Plating<br>Flash<br>Gold<br>Gold<br>Gold<br>Gold<br>Gold/Tin<br>Gold/Tin | Insulator<br>Material<br>Option<br>F=BK-LCP | Packing<br>T:Tube<br>R:Reel | Stream Code<br>01~99 |

### OPERATION

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±3°

DIM TOL

DRAW

Lu jin ying

CHECK

APPROVE

SCALE

FIT

UNIT

mm

SIZE

A4

SHEET

1/1

PROJ.

1/1

HECON

东莞市禾康电子有限公司  
DONGGUAN HECON ELECTRONICS CO.,LTD

PART NO.

HC-BTB80-M080032XXXX0X

TITLE:

0.8mm High-Speed BTB 80Pin  
H3.25 Male

A0 2023.05.29 NEW DRAWING

REV DATE MODIFICATION DESCRIPTION

CHANGE