

RoHS

SPECIFICATIONS

PERFORMANCE

信号端子 Current Rating:0.5A

电源端子 Current Rating:5A

Contact Resistance:80mΩ Max

Insulation Resistance: 500MΩ Min

Withstand Volt:200V AC/minute

Operating Temperature: -40°C to +105°C

Material

Contact:Phosphor Bronze,3u"MIN Gold Plated In Contact Area,
Gold Flash Plated In Solder Area,

50u"~240u" Nickel Underplated Over all.

Ground:Brass,80u" Min Matte Tin Plated Over

50u" Min Nickel Underplated Over all.

Housing:LCP Black, UL94V0

Max.Processing Temp:230°C for 30-60 seconds
(260°C for 10 seconds)

TABLE:

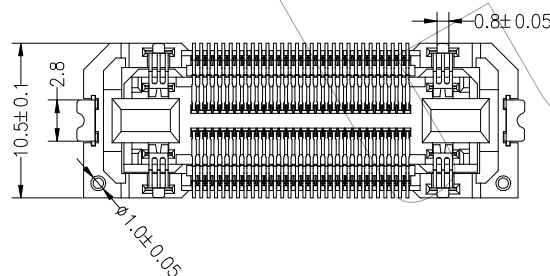
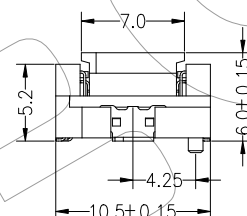
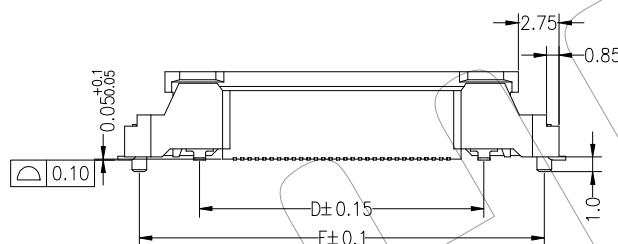
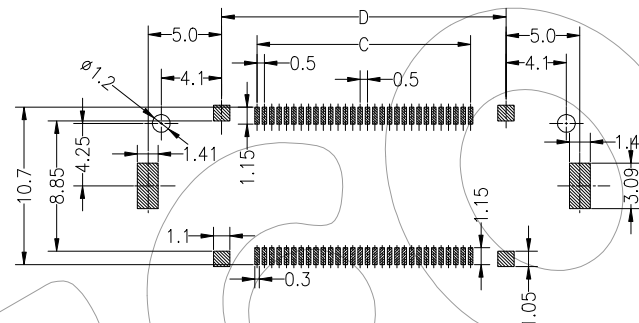
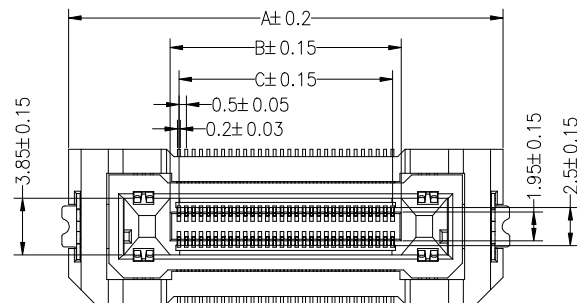
No. OF PIN	A	B	C	D	E
30 PIN	22.00	8.30	7.00	11.80	20.00
50 PIN	27.00	13.30	12.00	16.80	25.00
60 PIN	29.50	15.70	14.50	19.30	27.50
80 PIN	34.50	20.70	19.50	24.30	32.50
100 PIN	39.50	25.70	24.50	29.30	37.50
120 PIN	44.50	30.70	29.50	34.30	42.50

Ordering Information

HC-BTB50-F XXX 060 XX F R 01

F=Female
M=Male
No. of pins
30P~120P
Plastic Height
060=6.0mm
Contact Plating
G1:3U" Gold
S0:1U" Gold/Tin
S1:3U" Gold/Tin
S2:5U" Gold/Tin
S3:10U" Gold/Tin
S4:15U" Gold/Tin
S5:30U" Gold/Tin
Insulator
Material
Option
D=BK-PA46
E=BK-PA9T
F=BK-LCP
Packing
T:Tube
R:Reel

RECOMMENDED PCB LAYOUT(TOP SIDE)
PCB BOARD TOLFRANCF±0.05(PCB T=1.00mm)



OPERATION

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

Angle ±3°

DIM TOL

DRAW

CHECK

APPROVE

Lu jin ying

SCALE

UNIT

SIZE

SHEET

PROJ.

FIT

mm

A4

1/1

PROJ.

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

PART NO.

HC-BTB50-FXXX060XXFR01

TITLE:

0.5mm 高频大电流浮动式 BTB NPin
H6.0 Female SMT Type

A0 2023.06.27 NEW DRAWING

REV DATE MODIFICATION DESCRIPTION

CHANGE