

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

Op rating Temperature:-40°C to +105°C

Material

Contact:Phosphor Bronze,30" 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	19.60	8.50	7.00	12.80	17.50
50 PIN	24.60	13.50	12.00	17.80	22.50
60 PIN	27.10	16.00	14.50	19.30	25.00
80 PIN	32.10	21.00	19.50	24.30	30.00
100 PIN	37.10	26.00	24.50	29.30	35.00
120 PIN	42.10	31.00	29.50	34.30	40.00

Ordering Information

HC-BTB50 - M XXX 089 XX F R 01

F=Female
M=Male
No.of pins
30P~120P
Plastic Height
089=8.90mm
Contact Plating
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 TOLFRANCE±0.05(PCB T=1.00mm)

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

PART NO.

HC-BTB50-MXXX089XXFR01

TITLE:

0.5mm 高频大电流浮动式 BTB
NPin H8.9 Male SMT Type

OPERATION

X.X ±0.30

DRAW

Lu jin ying

SCALE

FIT

X.XX ±0.20

CHECK

UNIT

mm

X.XXX ±0.10

APPROVE

SIZE

A4

Angle ±3°

DIM

SHEET

1/1

TOL

PROJ.

◆

A0 2023.06.27 NEW DRAWING

REV DATE MODIFICATION DESCRIPTION

CHANGE