

SPECIFICATION

Current Rate: 0.5 AMP

Insulation Resistance: 100mΩ Min

Contact Resistance: 30mΩ Max

Dielectric voltage: 50V AC for one minute

Operation Temperature: -20°C to +105°C

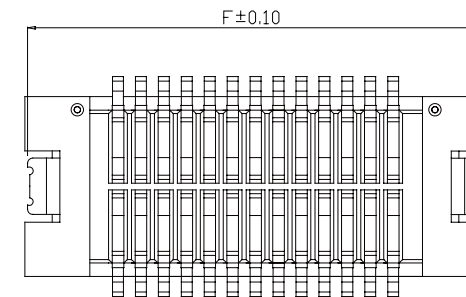
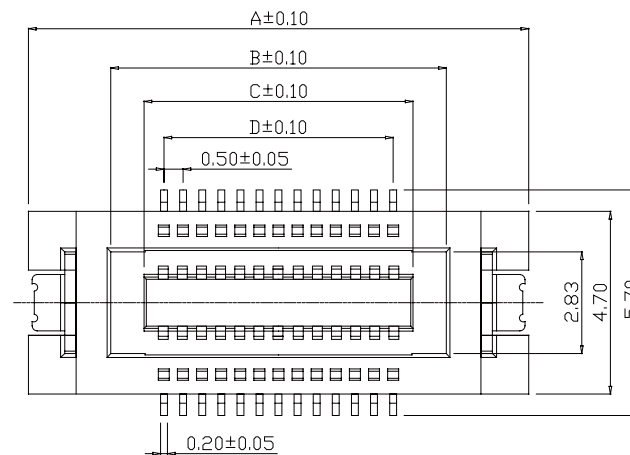
MATERIAL

Insulator: Polyester, UL94v-0

Standard: Nylon 46

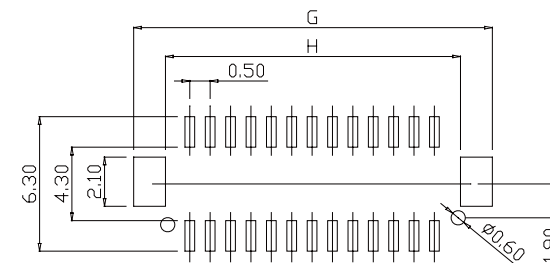
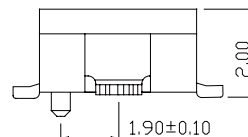
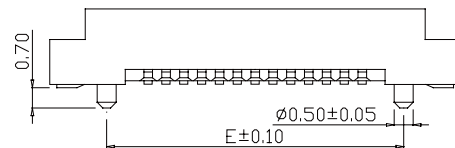
Contact Pin: Phosphor Bronze

Contact Plated: Gold Plated



● After Mating Height

MATING HEIGHT	MALE P/N	FEMALE P/N
4.00	BTB05MK20-XX	BTB05FK33-XX

Recommended PCB Layout
(PCB TOLERANCE±0.05)

CIRCUITS	DIMENSION							
	A	B	C	D	E	F	G	H
20	10.00	6.75	5.50	4.50	7.00	9.80	10.40	7.60
26	11.50	8.25	7.00	6.00	8.50	11.30	11.90	9.10
30	12.50	9.25	8.00	7.00	9.50	12.30	12.90	10.10
40	15.00	11.75	10.50	9.50	12.00	14.80	15.40	12.60
50	17.50	14.25	13.00	12.00	14.50	17.30	17.90	15.10
60	20.00	16.75	15.50	14.50	17.00	19.80	20.40	17.60
70	22.50	19.25	18.00	17.00	19.50	22.30	22.90	20.10
80	25.00	21.75	20.50	19.50	22.00	24.80	25.40	22.60

B T B 0 5 M K 2 0 - X X G N X X - U

No. of contacts
(20-80)

N: Nylon Natural

Ti: Tube
R: Taping & Reel

U: RoHS+Nylon46

G: Gold flash

P: With Peg
D: W/O Peg

APPRO

CHECK

DRAWN

PART NO.

BTB05MK20-XXGNXX-U

ITEM NO.

DRAW NO.

UNIT

mm

SCALE

no

TOLER

NO.

DESCRIPTION

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