

SPECIFICATION

Current Rate: 0.5 AMP

Insulation Resistance: 100mΩ Min

Contact Resistance: 30mΩ Max

Dielectric voltage: 50V AC for one minute

Operation Temperature: -25°C to +105°C

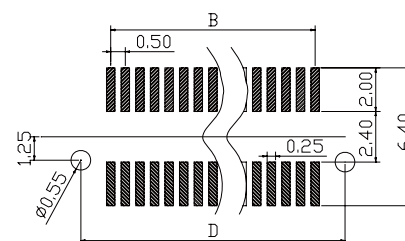
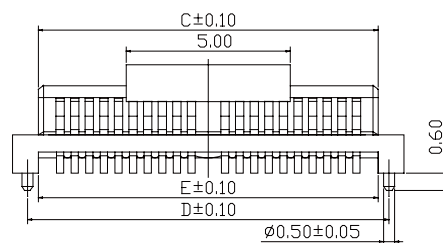
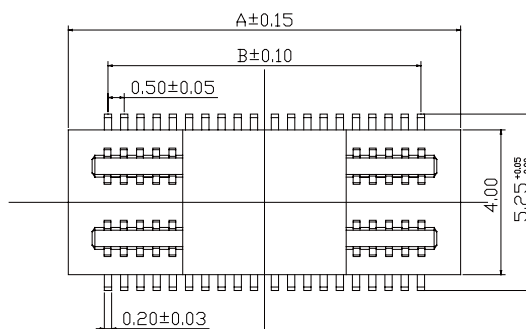
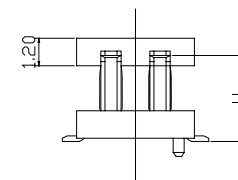
MATERIAL

Insulator: Polyester, UL94v-0

Standard: Nylon 46

Contact Pin: Phosphor Bronze

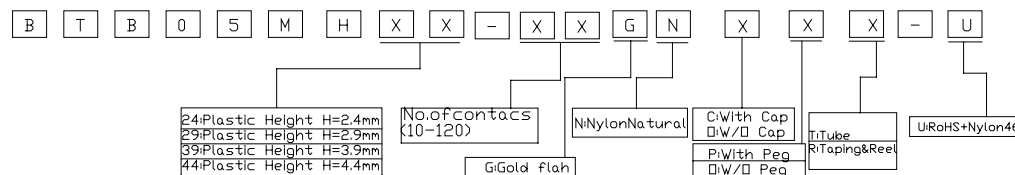
Contact Plated: Gold Plated

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

After Mating Height

MATING HEIGHT	MALE P/N	FEMALE P/N
3.00	BTB05MH24-XX	BTB05FH22-XX
3.50	BTB05MH29-XX	BTB05FH22-XX
4.00	BTB05MH29-XX	BTB05FH27-XX
4.50	BTB05MH29-XX	BTB05FH32-XX
5.00	BTB05MH39-XX	BTB05FH30-XX
5.50	BTB05MH44-XX	BTB05FH30-XX
6.00	BTB05MH44-XX	BTB05FH35-XX

CIRCUITS	DIMENSION					CIRCUITS	DIMENSION				
	A	B	C	D	E		A	B	C	D	E
10	5.20	2.00	2.92	3.90	3.00	36	11.70	8.50	9.42	10.40	9.50
12	5.70	2.50	3.42	4.40	3.50	38	12.20	9.00	9.92	10.90	10.00
14	6.20	3.00	3.92	4.90	4.00	40	12.70	9.50	10.42	11.40	10.50
16	6.70	3.50	4.42	5.40	4.50	42	13.20	10.00	10.92	11.90	11.00
18	7.20	4.00	4.92	5.90	5.00	44	13.70	10.50	11.42	12.40	11.50
20	7.70	4.50	5.42	6.40	5.50	46	14.20	11.00	11.92	12.90	12.00
22	8.20	5.00	5.92	6.90	6.00	48	14.70	11.50	12.42	13.40	12.50
24	8.70	5.50	6.42	7.40	6.50	50	15.20	12.00	12.92	13.90	13.00
26	9.20	6.00	6.92	7.90	7.00	60	17.70	14.50	15.42	16.40	15.50
28	9.70	6.50	7.42	8.40	7.50	80	22.70	19.50	20.42	21.40	20.50
30	10.20	7.00	7.92	8.90	8.00	90	25.20	22.00	22.92	23.90	23.00
32	10.70	7.50	8.42	9.40	8.50	100	27.70	24.50	25.42	26.40	25.50
34	11.20	8.00	8.92	9.90	9.00	120	32.70	29.50	30.42	31.40	30.50



APPRO	CHECK	DRAWN	PART NO.	BTB05MHXX-XXGNXXX-U		
			ITEM NO.			
			DRAW NO.			
			UNIT	mm	SCALE	no
			TOLER		NO.	

DESCRIPTION



Tel: 0769 22020068 Fax: 0769 22020069 E-mail: sales@vigortec.com