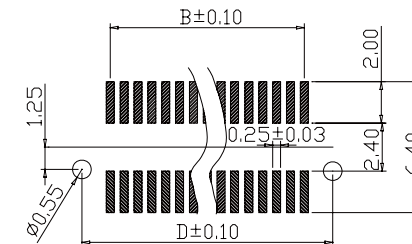
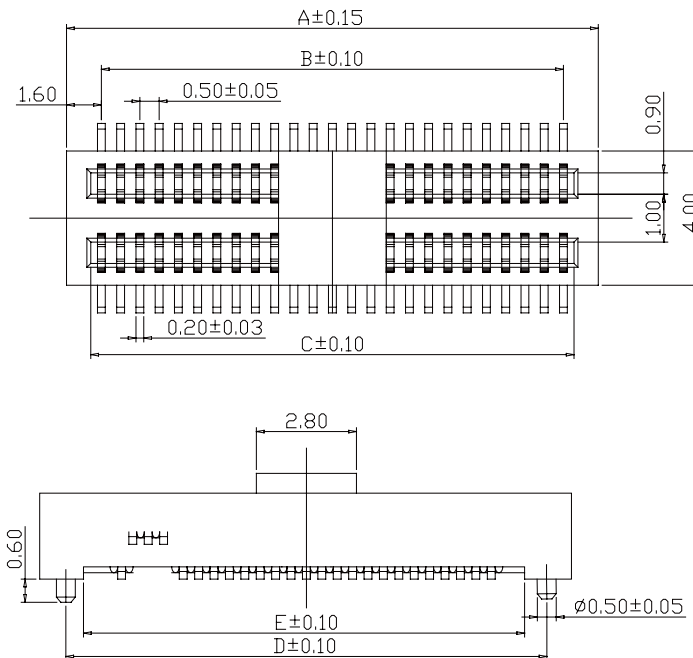


SPECIFICATION

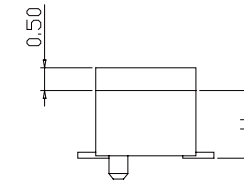
Current Rate: 0.5 AMP
 Insulation Resistance: 100mΩ Min
 Contact Resistance: 30mΩ Max
 Dielectric voltage: 50V AC for one minute
 Operation Temperature: -25°C to +105°C

MATERIAL

Insulator: Polyester, UL94v-0
 Standard: Nylon 46
 Contact Pin: Phosphor Bronze
 Contact Plated: Gold Plated



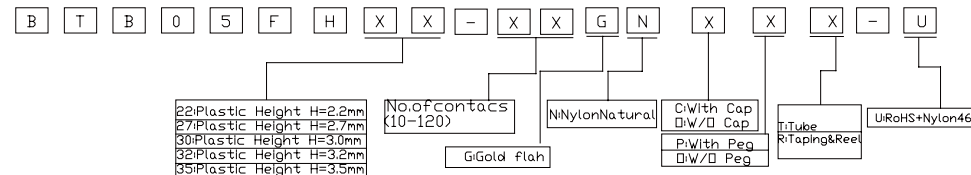
Recommended PCB Layout
 (PCB TOLERANCE±0.05)



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	2.95	3.90	3.00	36	11.70	8.50	9.45	10.40	9.50
12	5.70	2.50	3.45	4.40	3.50	38	12.20	9.00	9.95	10.90	10.00
14	6.20	3.00	3.95	4.90	4.00	40	12.70	9.50	10.45	11.40	10.50
16	6.70	3.50	4.45	5.40	4.50	42	13.20	10.00	10.95	11.90	11.00
18	7.20	4.00	4.95	5.90	5.00	44	13.70	10.50	11.45	12.40	11.50
20	7.70	4.50	5.45	6.40	5.50	46	14.20	11.00	11.95	12.90	12.00
22	8.20	5.00	5.95	6.90	6.00	48	14.70	11.50	12.45	13.40	12.50
24	8.70	5.50	6.45	7.40	6.50	50	15.20	12.00	12.95	13.90	13.00
26	9.20	6.00	6.95	7.90	7.00	60	17.70	14.50	15.45	16.40	15.50
28	9.70	6.50	7.45	8.40	7.50	80	22.70	19.50	20.45	21.40	20.50
30	10.20	7.00	7.95	8.90	8.00	90	25.20	22.00	22.95	23.90	23.00
32	10.70	7.50	8.45	9.40	8.50	100	27.70	24.50	25.45	26.40	25.50
34	11.20	8.00	8.95	9.90	9.00	120	32.70	29.50	30.45	31.40	30.50



APPRO	CHECK	DRAWN	PART NO.	BTB05FHXX-XXGNXXX-U
			ITEM NO.	
			DRAW NO.	
			UNIT	mm
			TOLER	SCALE NO.

DESCRIPTION



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