

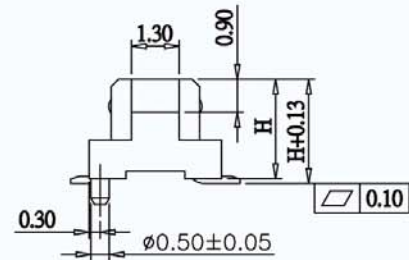
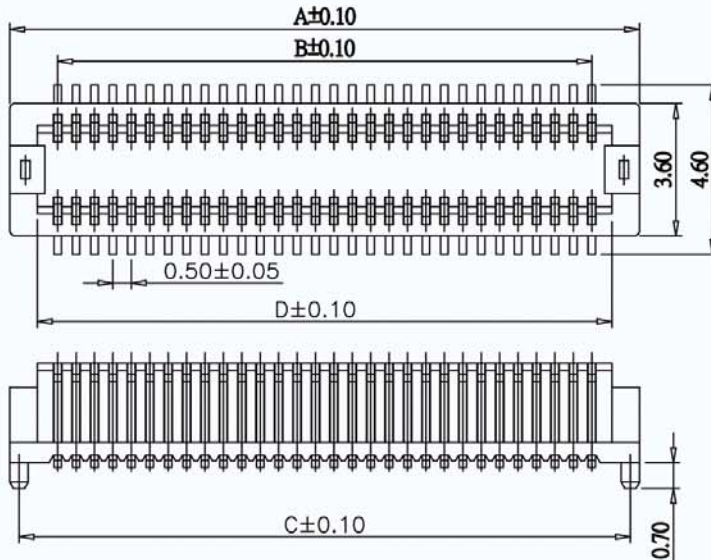
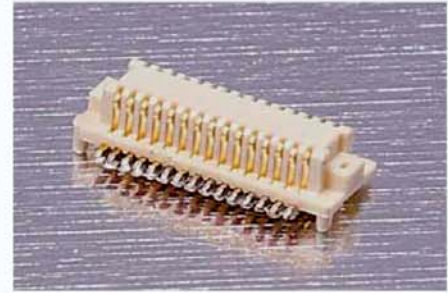
# BOARD TO BOARD MALE 0.5mm H=1.7/2.2/2.7/4.2/4.7mm

## SPECIFICATION

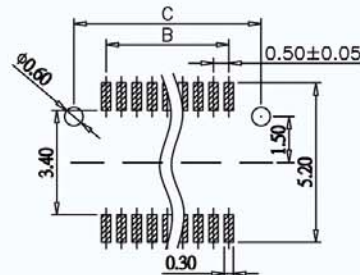
Current Rate:0.5 AMP  
 Insulation Resistance:100MΩ Min  
 Contact Resistance:30mΩ Max  
 Dielectric voltage:50V AC for one minute  
 Operation Temperature:-20°C to + 105°C

## MATERIAL

Insulator:Polyester,UL 94V-0  
 ©Standard:Nylon 46  
 Contact Pin:Phosphor Bronze  
 Contact Plated:Gold Plated



CIRCUITS	DIMENSION			
	A	B	C	D
10	4.60	2.00	4.10	3.10
12	5.10	2.50	4.60	3.60
14	5.60	3.00	5.10	4.10
16	6.10	3.50	5.60	4.60
18	6.60	4.00	6.10	5.10
20	7.10	4.50	6.60	5.60
22	7.60	5.00	7.10	6.10
24	8.10	5.50	7.60	6.60
26	8.60	6.00	8.10	7.10
30	9.60	7.00	9.10	8.10
32	10.10	7.50	9.60	8.60
36	11.10	8.50	10.60	9.60
40	12.10	9.50	11.60	10.60
50	14.60	12.00	14.10	13.10
60	17.10	14.50	16.60	15.60

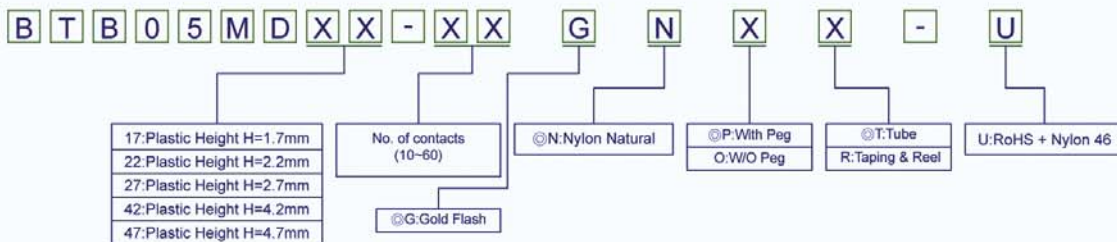


Recommended PCB Layout  
 (PCB TOLERANCE ±0.05)

## After Mating Height

MATING HEIGHT	MALE P/N	FEMALE P/N
2.50	BTB05MD17-XX	BTB05FD17-XX
3.00	BTB05MD22-XX	BTB05FD22-XX
3.50	BTB05MD22-XX	BTB05FD27-XX
4.00	BTB05MD27-XX	BTB05FD27-XX
4.50	BTB05MD27-XX	BTB05FD32-XX
5.00	BTB05MD42-XX	BTB05FD22-XX
5.50	BTB05MD42-XX	BTB05FD27-XX
6.00	BTB05MD47-XX	BTB05FD27-XX
6.50	BTB05MD47-XX	BTB05FD32-XX

## ORDER INFORMATION



©:Standard Recommend