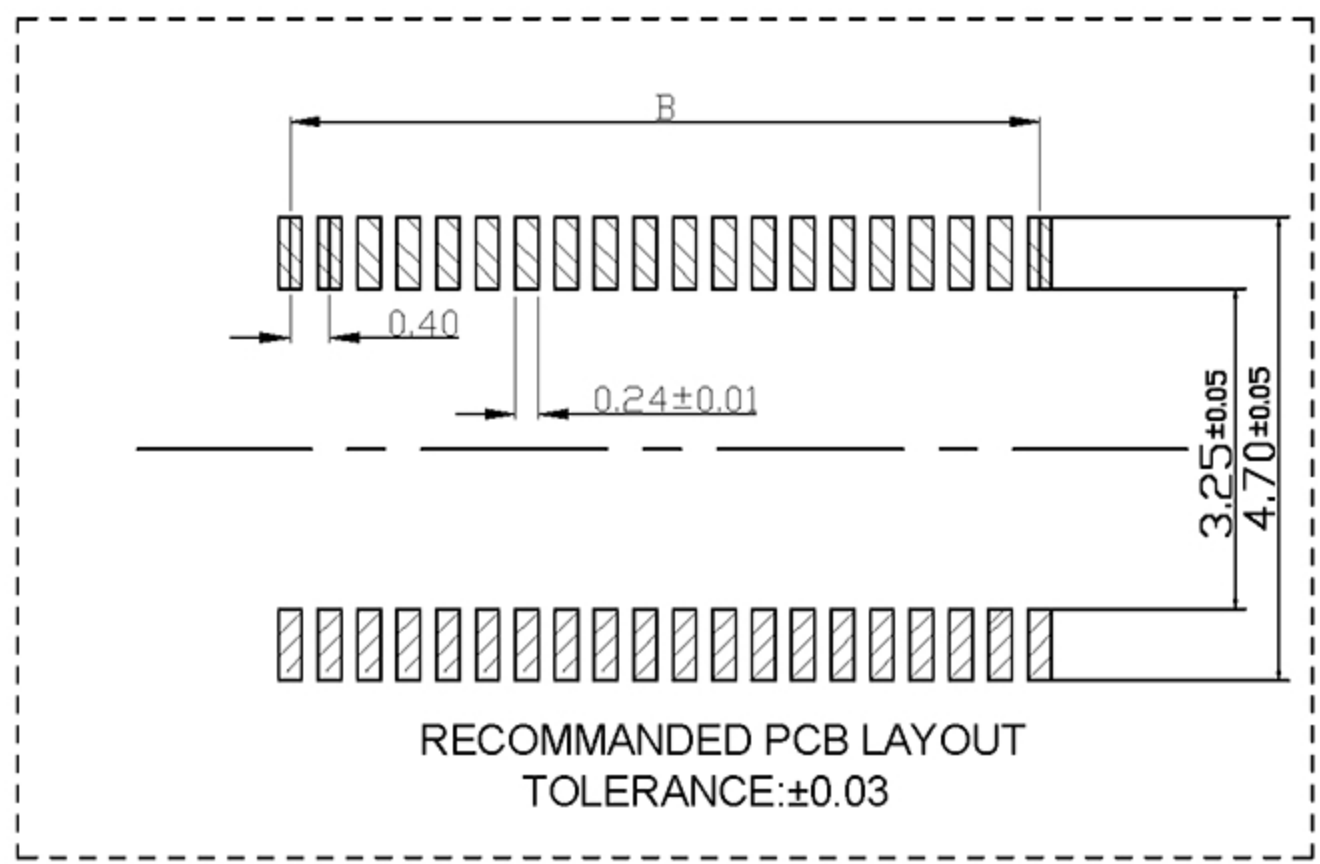
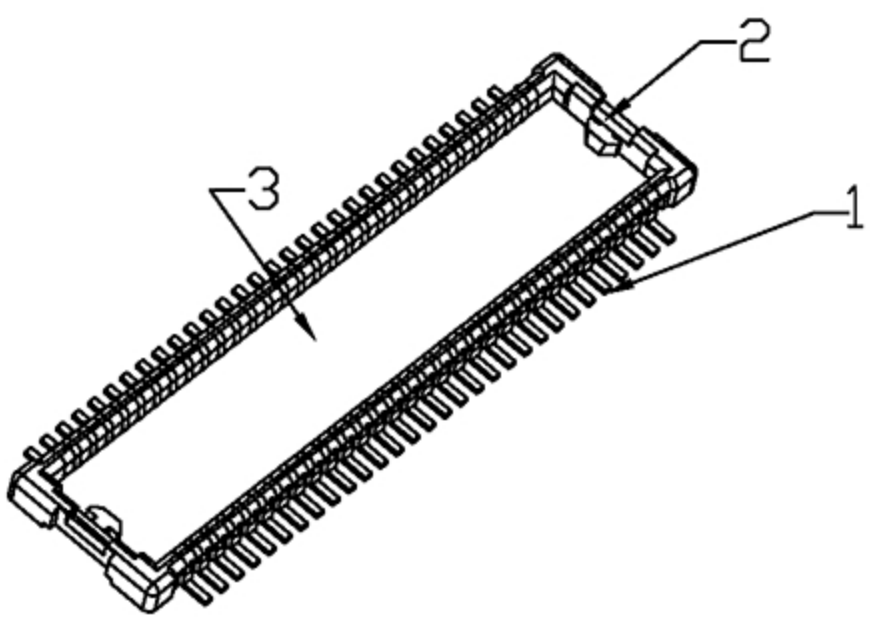
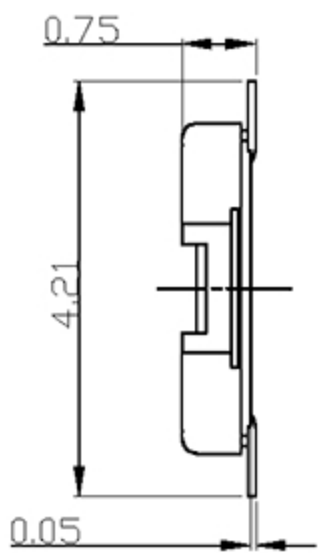
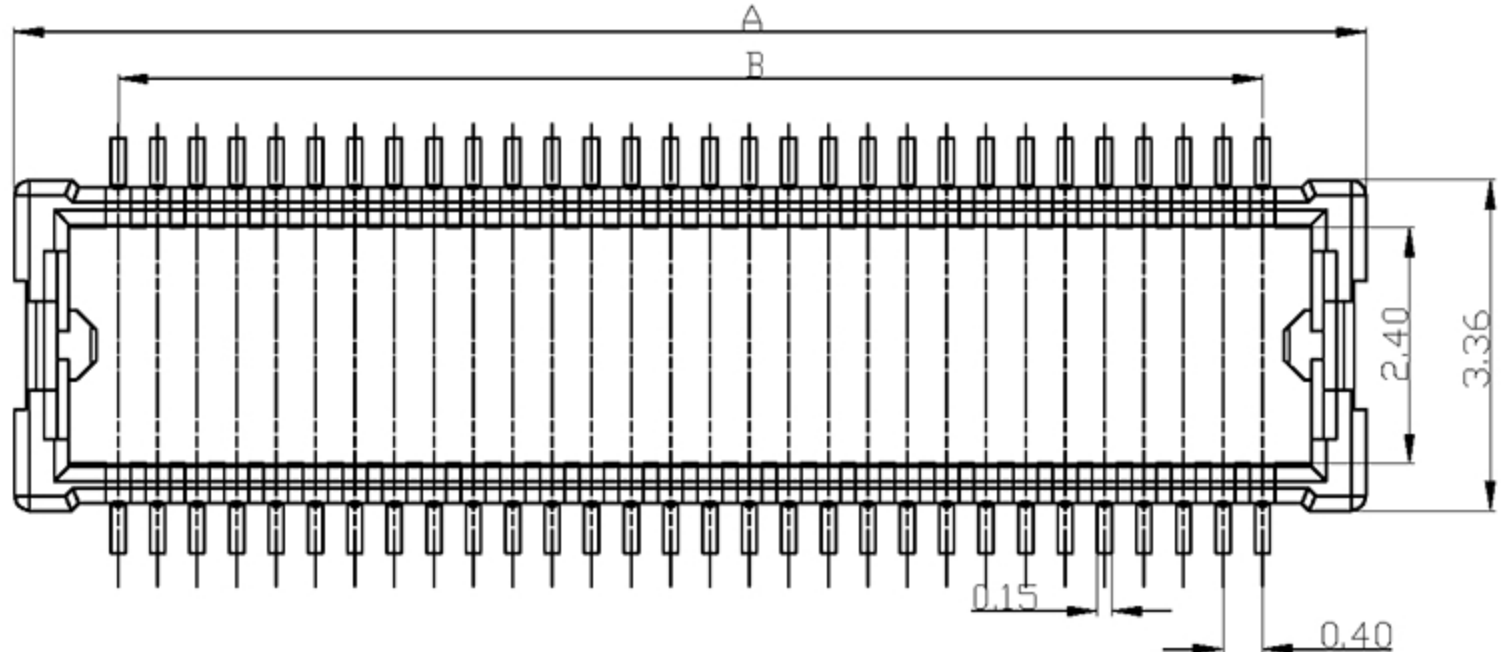


REV.	ECN No.	DATE
B	RD-1108-004	2023.04.03



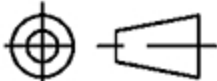
- NOTES -
1. MATERIAL SEE TABLE;
 2. ELECTRICAL PERFORMANCES:
 - 2-1.RATED CURRENT:0.5A;
 - 2-2.CONTACT RESISTANCE: 100 mOHMS MAX.;
 - 2-3.INSULATION RESISTANCE: 100 MOHMS MIN.;
 - 2-4.WITHSTANDING VOLTAGE: 100 VAC FOR 1 MINUTE MIN.;
 3. MECHANICAL PERFORMANCES:
 - 3-1.DURABILITY:30 CYCLES;
 - 3-2.OPERATION TEMPERATURE:-35° TO +85°;
 - 3-3.NORMAL INSERT FORCE AT MATED POSITION:5N MAX;

DRK B M 02 *** 09 **

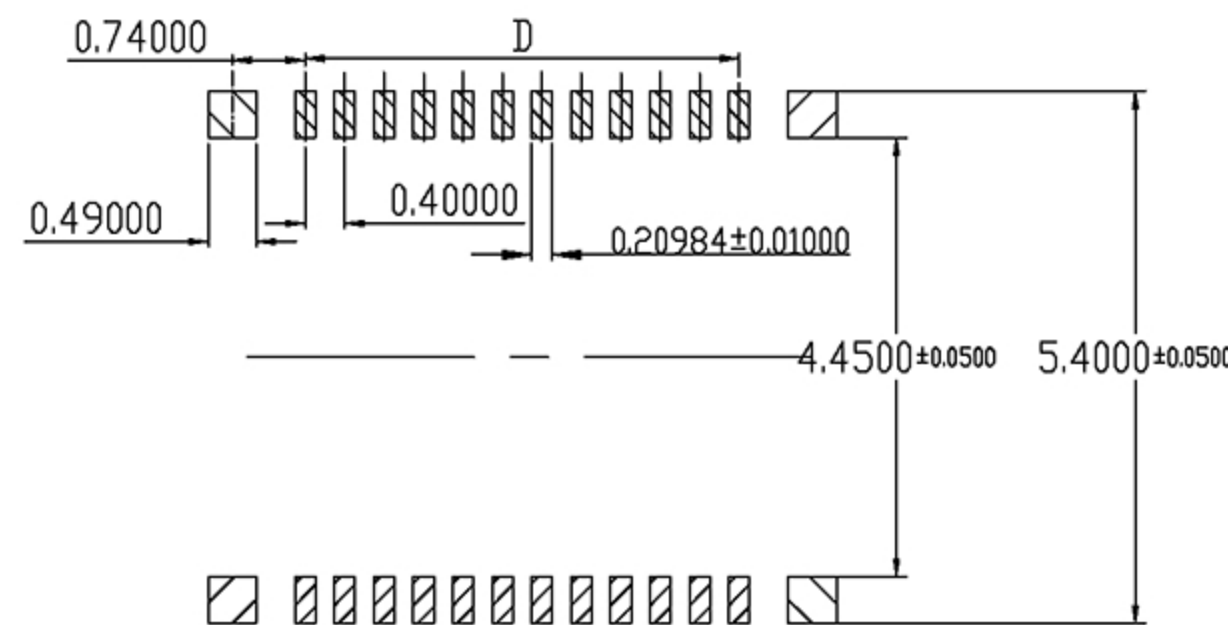
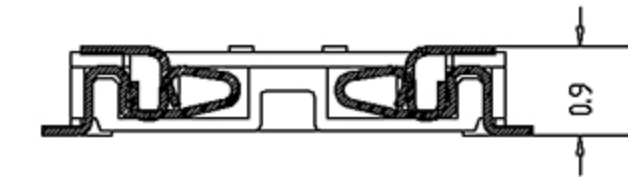
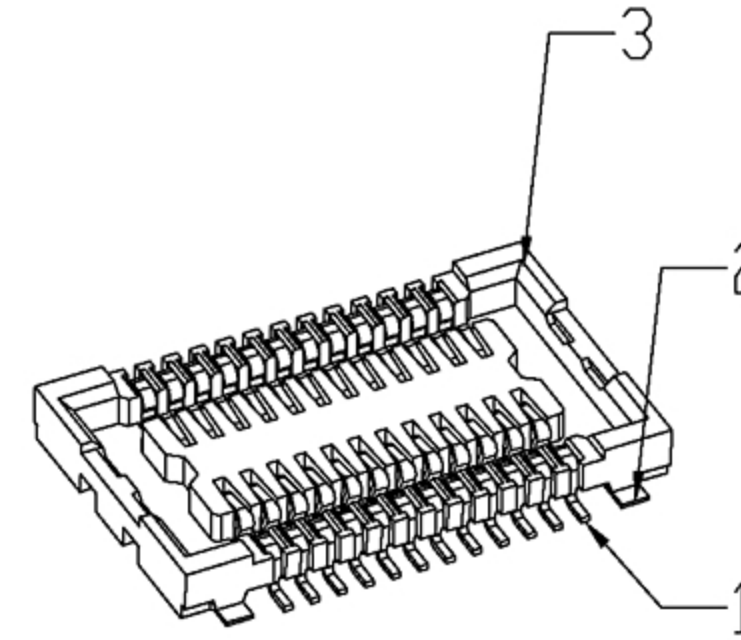
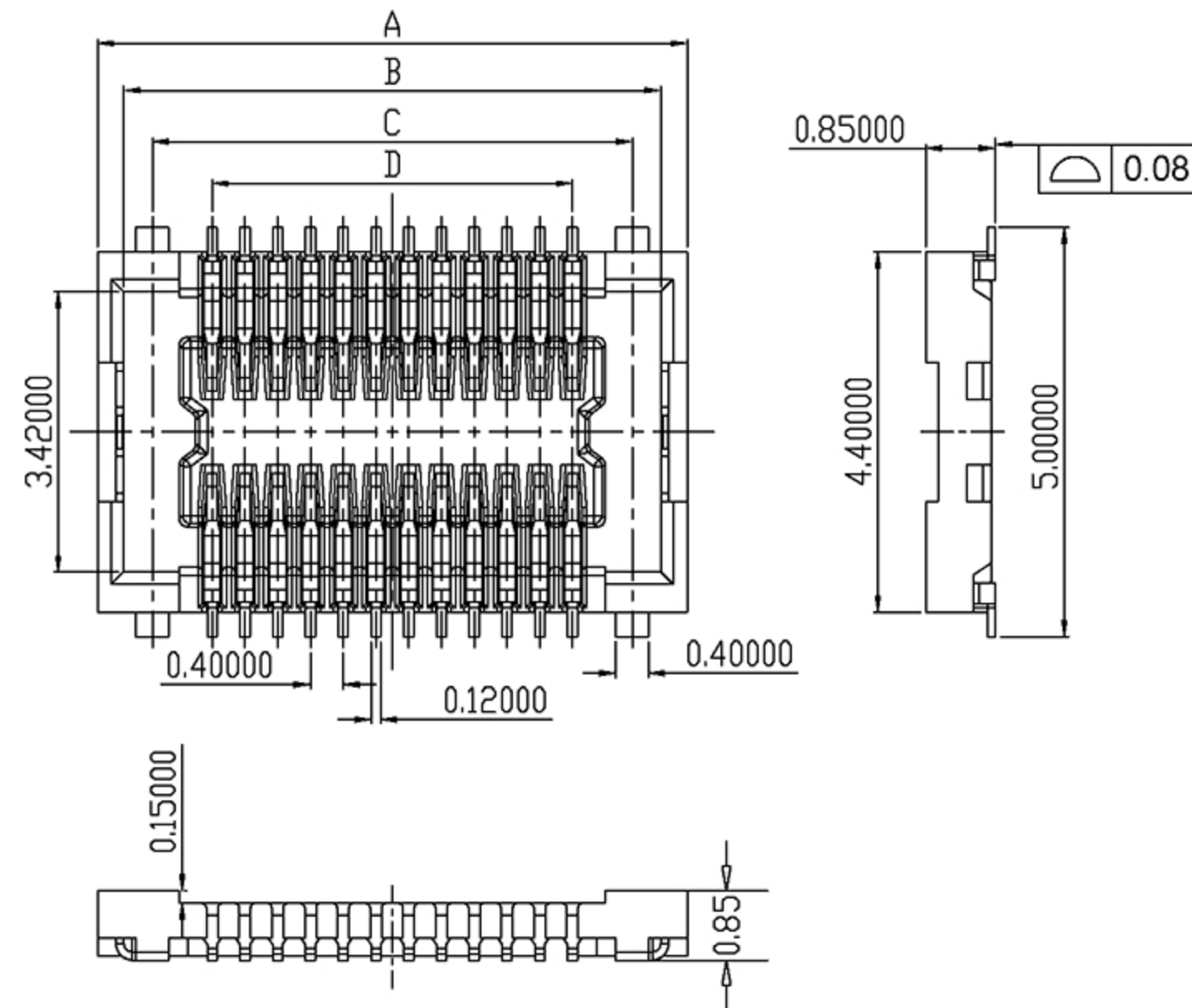
Company
BTB Conn:Male
Series
Position Number:**Pin
Mate Height:0.9mm
Plating

PIN	A	B
10	3.7	1.6
24	6.5	4.4
30	7.7	5.6
34	8.5	6.4
40	9.7	7.6
50	11.7	9.6
60	13.7	11.6
70	15.7	13.6
80	17.7	15.6

3	HOUSING	1	Thermoplastic UL94V-0	Glass:30%	Black
2	PAD	1	Copper Alloy	Ni 50~90u" underplating, Tin 80~120u" all over	
1	TERMINAL	N	Copper Alloy	Ni 50~90u" underplating, Gold plating all over	
ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH	REMARK

GENERAL TOLERANCE		UNITS: mm	NAME(INTENDED USE)										
X.± 0.25	X°± 1°	MAT'L: SEE NOTES	0.4MM BTB 0.9H Male Conn		TITLE: 0.4MM BTB 0.9H Male Conn Customer Drawing								
.X± 0.15			PART NO.(INTENDED USE) DRKBM02***090**										
.XX± 0.10	FINISH: SEE NOTES	APPD:			DWG NO.: DRKKBM02000900-C								
				Weight:				CHKD:					
THE DRAWING AND SPECIFICATION ARE THE PROPERTY OF Kingconn ELE&TEC CO.,LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF KUNSHAN Kingconn ELE&TEC CO.,LTD			DR: F pan		 <table><tr><td>SCALE</td><td>SHEET</td><td>REV.</td></tr><tr><td>5:1</td><td>1/1</td><td>B</td></tr></table>			SCALE	SHEET	REV.	5:1	1/1	B
		SCALE	SHEET	REV.									
5:1	1/1	B											

REV.	ECN No.	DATE
B	RD-2304-003	2023.04.03



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.03

- NOTES -

1. MATERIAL SEE TABLE;
2. ELECTRICAL PERFORMANCES:
 - 2-1.RATED CURRENT:0.5A;
 - 2-2.CONTACT RESISTANCE: 90 mOHMS MAX.;
 - 2-3.INSULATION RESISTANCE: 50 MOHMS MIN.;
 - 2-4.WITHSTANDING VOLTAGE: 100 VAC FOR 1 MINUTE MIN.;
3. MECHANICAL PERFORMANCES:
 - 3-1.DURABILITY:30 CYCLES;
 - 3-2.OPERATION TEMPERATURE:-35° TO +85°;
 - 3-3.NORMAL INSERT FORCE AT MATED POSITION:5N MAX;

Company: DRK
BTB Conn:Female BF
Series: 02
Position Number:**Pin **
Mate Height:0.9mm 09
Plating: **

PIN	A	B	C	D
10	4.40	3.76	3.06	1.60
24	7.20	6.56	5.86	4.40
30	8.40	7.76	7.06	5.60
34	9.20	8.56	7.86	6.40
40	10.40	9.76	9.06	7.60
50	12.40	11.76	11.06	9.60
60	14.40	13.76	13.06	11.60
70	16.40	15.76	15.06	13.60
80	18.40	17.76	17.06	15.60

3	Housing	1	LCP	Glass:30%	Black
2	Pad	2	Phosphor Bronze	Ni 50~90μ' UNDERPLATING , Ni 80~120μ' OVER ALL	
1	Terminal	N	Phosphor Bronze	Ni 50~90μ' UNDERPLATING , GOLD FLASH OVER ALL	
ITEM	Part Name	Q'TY	MATERIAL	FINISH	REMARK

GENERAL TOLERANCE			UNITS: mm	NAME<INTENDED USE>	
X. ± 0.25	X.° ± 1°		SEE NOTES	0.4MM BTB 0.9H Female Conn	
.X ± 0.15	.X° ± 0.5°			PART NO.<INTENDED USE>	
.XX ± 0.10				KNKBF02**090*	
THE DRAWING AND SPECIFICATION ARE THE PROPERTY OF Kingconn ELE&TEC CO.,LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF KUNSHAN Kingconn ELE&TEC CO.,LTD			FINISH:	TITLE:	
			SEE NOTES	0.4MM BTB 0.9H Female Conn Customer Drawing	
			Weight:	DWG NO.:	
				KNKBF02000910-C	
				CHKD:	SCALE SHEET REV.
				DR: F pan	5:1 1/1 B