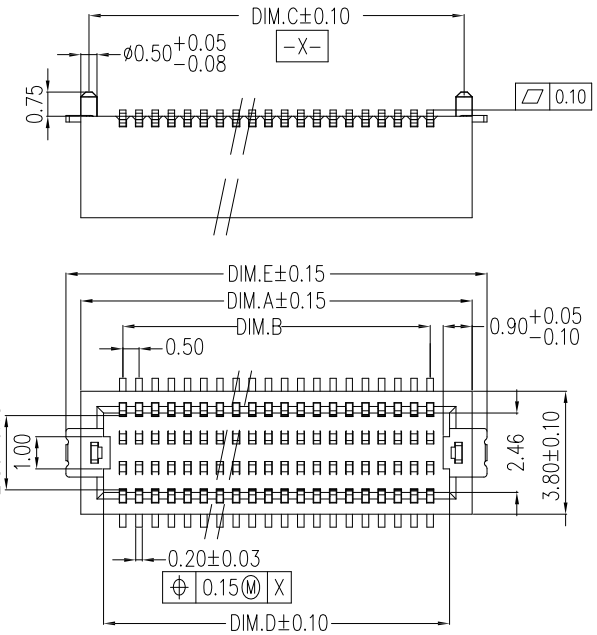
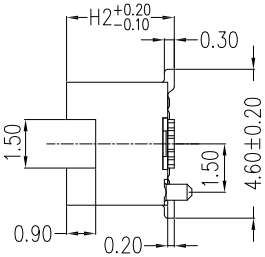
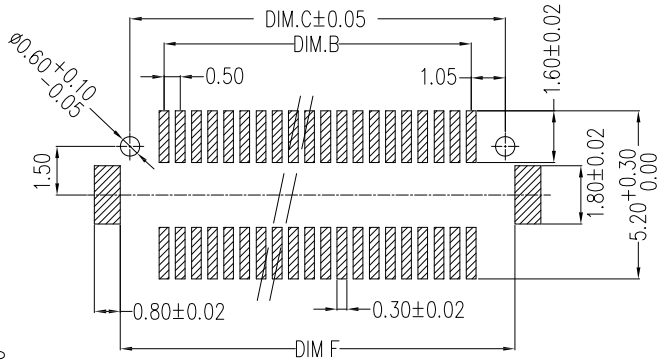
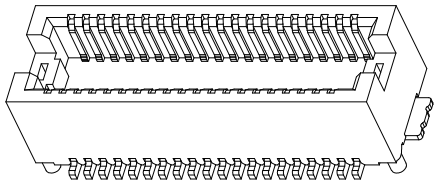
Note:
1.Material:
Housing: PA9T UL94V−0;Natural.
Terminal: Copper Alloy.
Fitting Nail: Copper Alloy.
2.Finish:
Terminal: Gold overall.
Fitting Nail: Tin overall.
3.Electrical Characteristics:
Current Rating: 0.5A AC/DC
Voltage Rating: 50V AC/DC
Temperature Range: −25℃~+85℃
Withstand Voltage: 100V AC/Minute
Contact Resistance: 30mΩ Max.
Insulation Resistance: 500MΩ Min.

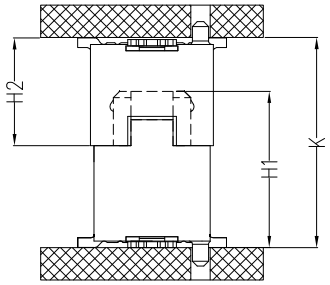




Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE±0.05)







MATED DRAWING(REF.)

RoHS Compliant

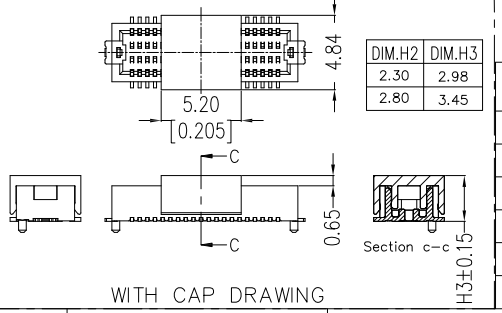
ORDER INFORMATION

BS05- 2XX F 1 2 X 1-131

- 0.5P Board to Board Single Slot
- 2 Rows
- XX:Per Row Pin
- F:FEMALE
- 1:w/ Post
- 0:w/o Post
- 2:PA 9T Housing Material
- K Type

PIN NO.	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E	DIM.F
14	5.60	3.00	5.10	4.20	6.50	5.70
20	7.10	4.50	6.60	5.70	8.00	7.20
24	8.10	5.50	7.60	6.70	9.00	8.20
30	9.60	7.00	9.10	8.20	10.50	9.70
32	10.10	7.50	9.60	8.70	11.00	10.20
36	11.10	8.50	10.60	9.70	12.00	11.20
40	12.10	9.50	11.60	10.70	13.00	12.20
50	14.60	12.00	14.10	13.20	15.50	14.70
60	17.10	14.50	16.60	15.70	18.00	17.20

ASS'Y HEIGHT(K)		PLUG(H2)	SOCKET(H1)
1	3.00	2.33	2.20
2	3.50	2.80	
3	4.00	2.80	2.73
4	4.50	3.33	
5	5.00	3.83	
6	5.50	4.33	
7	6.00	4.83	
8	6.50	3.33	4.70
9	7.00	3.83	
A	7.50	4.33	
B	8.00	4.83	



DIM.H2	DIM.H3
2.30	2.98
2.80	3.45

WITH CAP DRAWING

REV.	REVISION RECORD	DATE
A	Original	10/02/19"

General Tolerance
LINEAR 0.0 ±0.35, 0.00 ±0.20 ANGLE ±3°

UNIT:mm	
A4	DATE
APPROVED	NICKEL
DESIGNER	TED
DRAWN	WAYFON

ARIBA TECHNOLOGY CO., LTD.

TITLE: 0.5mm Board to Board Female SMT Vertical

DWG.NO: BS05-2XXF12X1-131			REV. A
SCALE	1 : 1	SHEET	1 OF 1