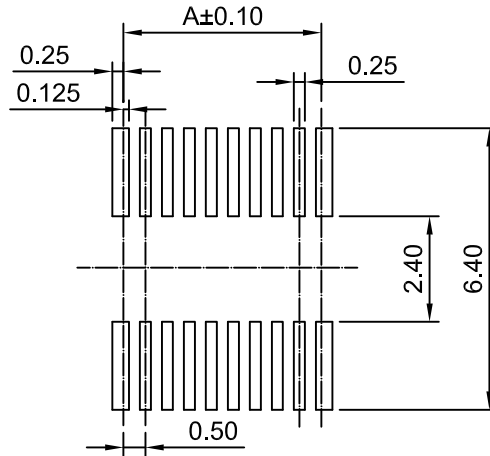
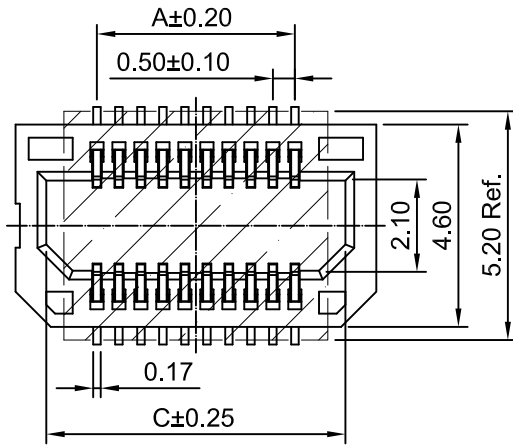
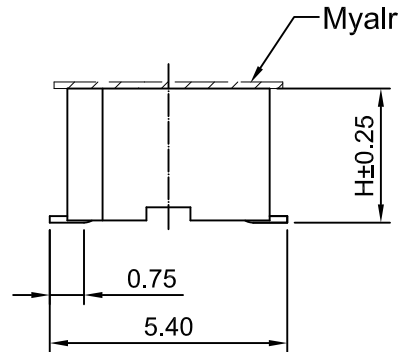
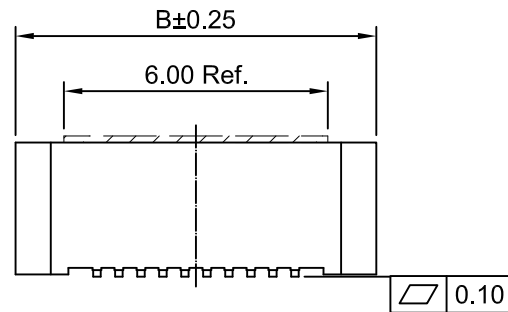




P.C.B LAYOUT
TOLERANCE:±0.05



Ordering Information:

B0501WVFD-S-2xXP - *** - *** - *** - ***
1 2 3 4 5

1.Part NO.

2.Size(H):

(Blank): 3.05mm

H36: 3.55mm H61: 6.05mm

3.Finish:

(Blank): Gold over Nickel

4.Finish:

(Blank): Gold over Nickel(Au:1µin[0.03µm] Min)

G10: Gold over Nickel(Au:10µin[0.25µm] Min,Mating Area)

G15: Gold over Nickel(Au:15µin[0.38µm] Min,Mating Area)

G30: Gold over Nickel(Au:30µin[0.76µm] Min,Mating Area)

5.Packing:

(Blank): Tape & Reel with Mylar

SPECIFICATIONS:

Current Rating: 0.5A AC,DC(Per Pin)

10A MAX.(All Pins Can Carry)

Voltage Rating: 60V AC,DC

Temperature Range: -40°C ~ +105°C

Contact Resistance: 60mΩ Max

Insulation Resistance: 1000MΩ Min

Withstanding Voltage: 150V AC/minute

Pin Material:Phosphor Bronze

Material: LCP,UL94V-0(Natural)

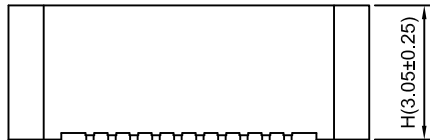
Part NO.	Dimensions(mm)		
	A	B	C
B0501WVFD-S-2x10P	4.50	8.20	6.80
B0501WVFD-S-2x15P	7.00	10.70	9.30
B0501WVFD-S-2x20P	9.50	13.20	11.80
B0501WVFD-S-2x25P	12.00	15.70	14.30
B0501WVFD-S-2x30P	14.50	18.20	16.80
B0501WVFD-S-2x35P	17.00	20.70	19.30
B0501WVFD-S-2x40P	19.50	23.20	21.80
B0501WVFD-S-2x45P	22.00	25.70	24.30
B0501WVFD-S-2x50P	24.50	28.20	26.80
B0501WVFD-S-2x60P	29.50	33.20	31.80

CJTconn

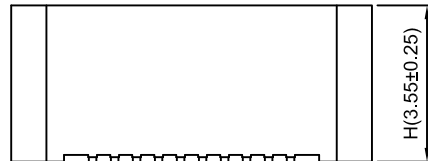
CHANGJIANG CONNECTORS CO.,LTD.

Unit	Scale	Sheet	TITLE	
mm	6:1	1 of 2		
DRAWN	CHK'D	APPR'D	0.50mm PTCH BOARD TO BOARD FEMALE PLUG -SMD TYPE	
Haisen Li	Diankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.	REV
x.x±0.25 x.xx±0.20 x.xxx±0.15 ANGLES ±1°			B0501WVFD-S-2xXP	A0

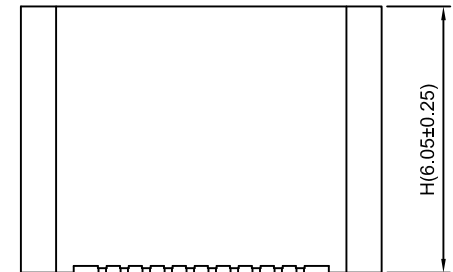
A0	NEW RELEASE	2025.02.15
REV	DESCRIPTION	DATE



H31



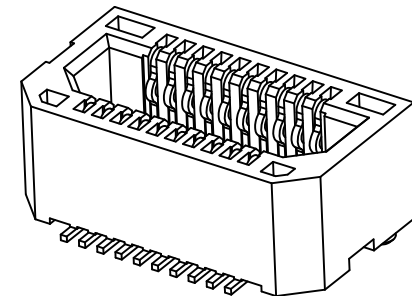
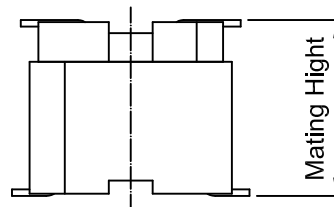
H36



H61

Mating Dimension

Hight (mm)	Mates With	Mating Hight
3.05	B0501WVMD-S-F-2xXP	4.00
	B0501WVMD-S-2xXP-H43	5.00
	B0501WVMD-S-2xXP-H53	6.00
3.60	B0501WVMD-S-2xXP	4.50
	B0501WVMD-S-2xXP-H43	5.50
	B0501WVMD-S-2xXP-H53	6.50
6.10	B0501WVMD-S-2xXP	7.00
	B0501WVMD-S-2xXP-H43	8.00
	B0501WVMD-S-2xXP-H53	9.00



3D VIEW

CJTconn			CHANGJIANG CONNECTORS CO.,LTD.	
Unit	Scale	Sheet	TITLE	
mm	6:1	2 of 2		
DRAWN	CHK'D	APPR'D	0.50mm PTCH BOARD TO BOARD FEMALE PLUG -SMD TYPE	
Haisen Li	Djankui Wan	Jack Yin		
General Tolerances		THIRD ANGLE PROJECTION	DRAWING NO.	REV
x.xx±0.25 x.xxx±0.20 x.xxx±0.15 ANGLES ±1°			B0501WVFD-S-2xXP	A0

A0	NEW RELEASE	2025.02.15
REV	DESCRIPTION	DATE