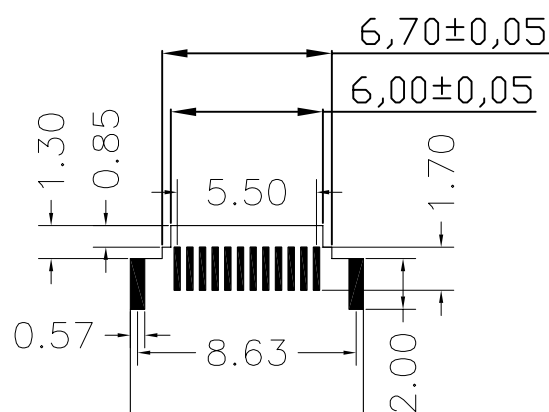
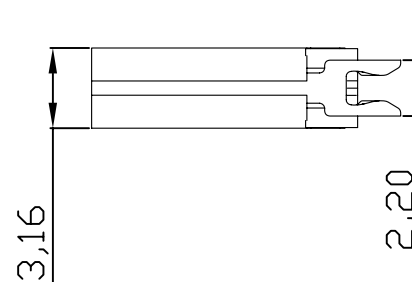
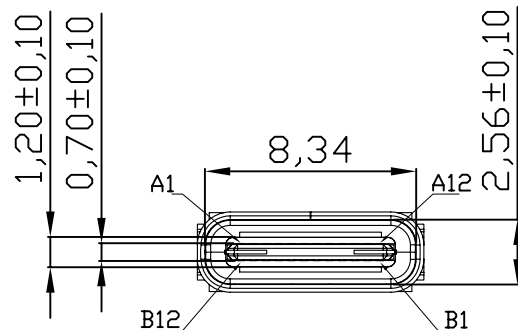
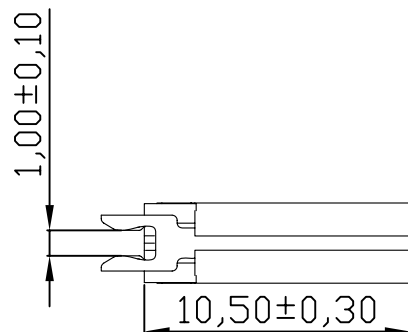
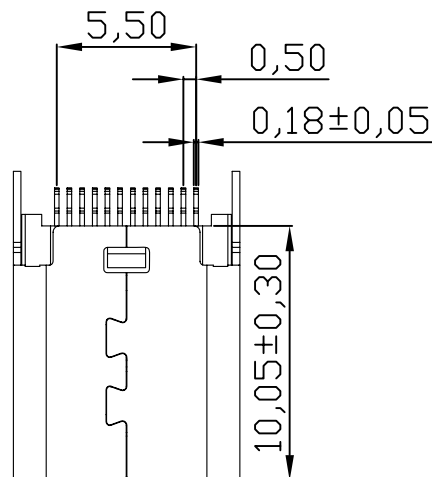
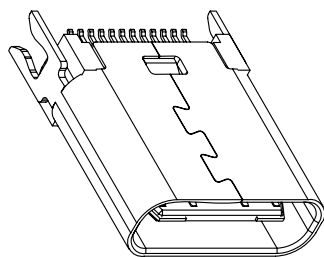
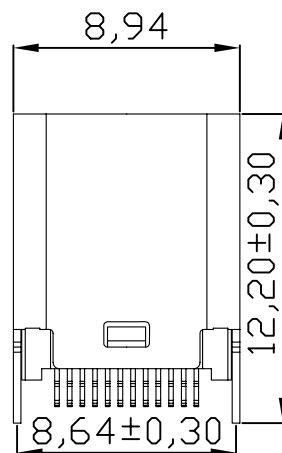


Kinghelm®



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$
Front/Back Layout: Same,
Board Thickness: $T=1.00\text{mm}$



REV	LTR	DESCRIPTION	DATE	APPROVED
A0				

Remarks:

Materials:

- 1.1 Insulator: LCP + 30% G.F, UL94V-0
- 1.2 Terminals: C18140, $T=0.12\text{mm}$; Plating: Half gold, tin
- 1.3 Shell: Stainless steel, $T=0.30\text{mm}$; Surface plating: Nickel
- 1.4 Grounding plate: Stainless steel, $T=0.10\text{mm}$
- 1.5 Locking piece: Stainless steel, $T=0.15\text{mm}$

Main Characteristics:

- 2.1 Rated current: 3.0A
- 2.2 Contact resistance: $40\text{m}\Omega$ MAX
- 2.3 Insulation resistance: $100\text{M}\Omega$ MIN (250V DC)
- 2.4 Withstanding voltage test: 100V AC
- 2.5 Solderability: Temperature 250 ± 5 , Time $5\pm 0.5\text{s}$
- 2.6 Mating force: 2.0kgf MAX Unmating force: 0.8kgf MIN
- 2.7 Durability: 10,000 cycles
- 2.8 Operating temperature: -30 to $+80$

TOLERANCES		Shenzhen Kinghelm Electronics Co., Ltd.			
. X	± 0.30	www.kinghelm.net			
. XX	± 0.20	KH-TYPE-C-JB1.0-24P			
. XXX	± 0.10	0755-83044319			
ANGLES	$\pm 1.00^\circ$	DRAWING NO.: 812079-021			
		TITLE: USB Type-C Female, 180° Board-Clamp, Version 1.0, Length 10.5mm			
APPD.:		REV.:	SIZE:	UNIT:	SCALE:
CHECK:		A/0	A4	M M	1 : 1
DRAWN:					SHEET: 1 / 1