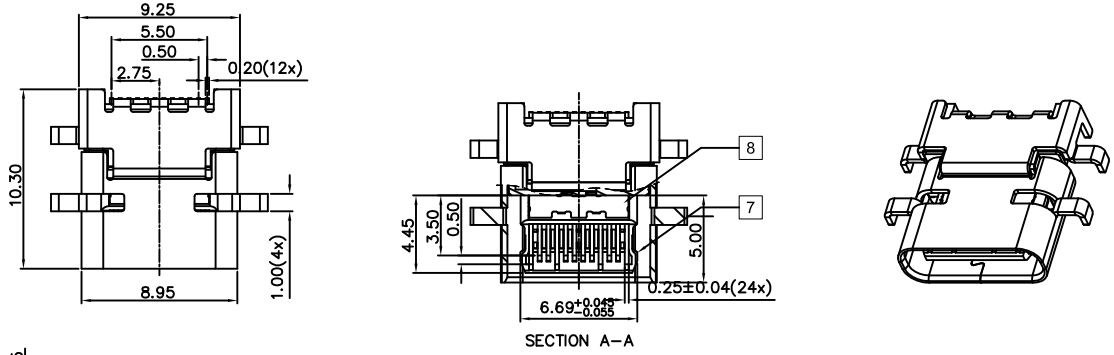
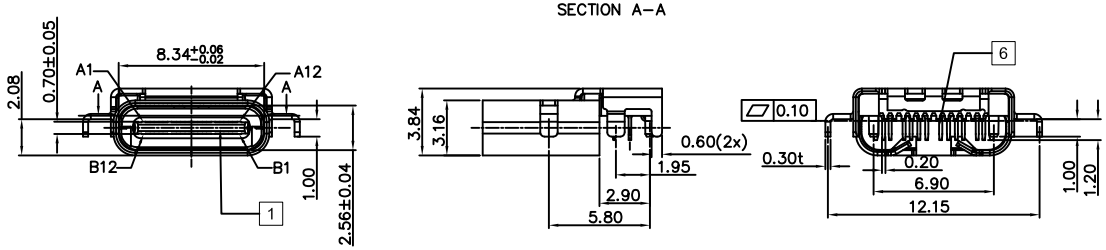
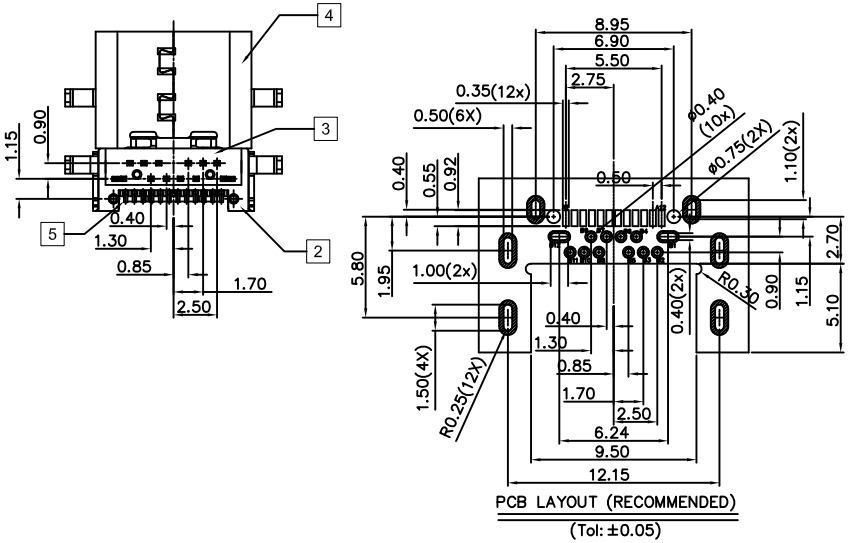
RoHS COMPLIANT

* SUBJECT TO CHANGE WITHOUT NOTICE

REV.	DESCRIPTION	APPROVED BY	DATE	ECN NO.
A	RELEASE	KUNG	2021.06.15	
B				
C				







NOTE:

1. Electrical Characteristics:
   1-1: Current Rating: 5A For Pin(A4,A9,B4,B9)
   1.25 A For Pin(B5)
   0.25A For Others Pin
   1-2: VOLTAGE RATING: 20V
   1-3: Insulation Resistance: 100MΩ Min.
   1-4: Contact Resistance:
   VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
   SHIELD: 50mΩ/MAX.
   SHIELD: LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
   1-5: Dielectric Withstanding Voltage: 100V/AC 1Minute
2. Mechanical Characteristics:
   Insertion Force: 5~20N
   Extraction Force: Initial: 8~20N
   After durability: 6~20N
   Durability : 10000 Cycles
3. Operating Temperature: -25°C TO +85°C
4. MID PLATE, EMC PLATE, SHELL CONNECTED TOGETHER
5. PACKING : 1000/REEL , 10 REEL/CTN

USB TYPE-C PIN ASSIGNMENTS

PIN	Signal Name		PIN	Signal Name
A1	GND		B12	GND
A2	SSTXp1		B11	SSRXp1
A3	SSTXn1		B10	SSRXn1
A4	VBUS		B9	VBUS
A5	CC1		B8	SBU2
A6	Dp1		B7	Dn2
A7	Dn1		B6	Dp2
A8	SBU1		B5	CC2
A9	VBUS		B4	VBUS
A10	SSRXn2		B3	SSTXn2
A11	SSRXp2		B2	SSTXp2
A12	GND		B1	GND

Item	Title	Material	Dispose	Q'TY
1	Insermold housing	LCP	Black	1PCS
2	Insermold-Top Contact	LCP	Black	1PCS
3	Insermold-Bottom Contact	LCP	Black	1PCS
4	Shell	Stainless Steel t=0.30	Ni: 30u" Min.	1PCS
5	Top Contact	Copper Alloy	Mating Area: GOLD PLATED Solder Tails: Ni: 50u"Min,Sn80u"Min.	12PCS
6	Bottom Contact	Copper Alloy		12PCS
7	Mid Plate	Stainless Steel	Ni: 30u"Min	1PCS
8	EMC plate	Stainless Steel		2PCS

DRAWN	KU	APP'D	KUNG	UNIT	mm	TOLERANCE .x ±0.20 .xx ±0.10 .xxx ±0.05 .xxxx ±0.03 ANGULA ±1°		JKL TECHNOLOGY CO., LTD.	TITLE	USB 3.1 TYPE-C DIP/SMT CONNECTOR	SHEET 1/1
CHK'D				SCALE	1:1				PART NO.	CF130-24-C3-R DWG. CF130-24-C3	VERSION A