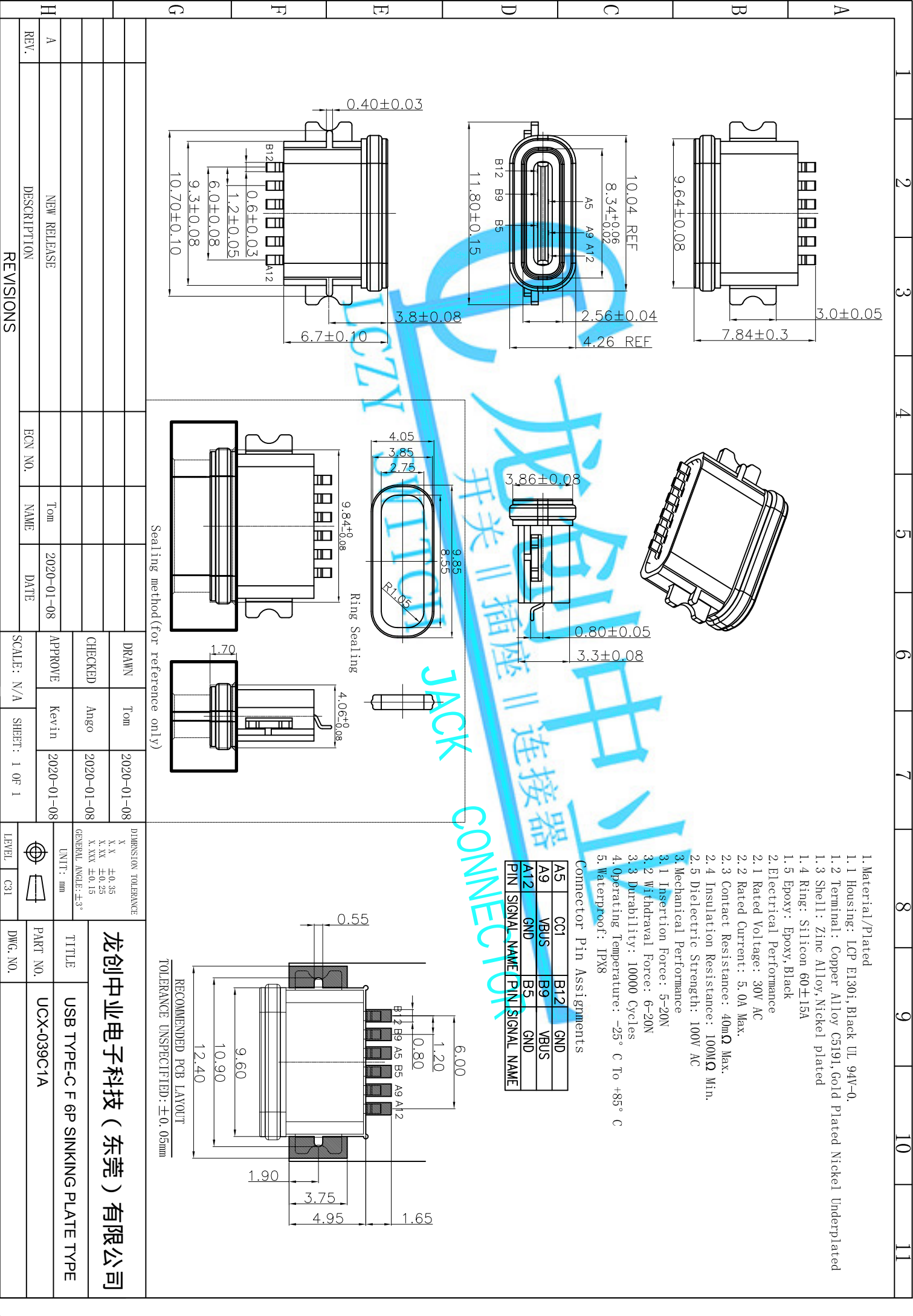




1. Material/Plated
- 1.1 Housing: LCP EI30i, Black UL 94V-0.
- 1.2 Terminal: Copper Alloy C519L, Gold Plated Nickel Underplated
- 1.3 Shell: Zinc Alloy, Nickel plated
- 1.4 Ring: Silicon 60±15A
- 1.5 Epoxy: Epoxy, Black
2. Electrical Performance
- 2.1 Rated Voltage: 30V AC
- 2.2 Rated Current: 5.0A Max.
- 2.3 Contact Resistance: 40mΩ Max.
- 2.4 Insulation Resistance: 100MΩ Min.
- 2.5 Dielectric Strength: 100V AC
3. Mechanical Performance
- 3.1 Insertion Force: 5-20N
- 3.2 Withdrawal Force: 6-20N
- 3.3 Durability: 10000 Cycles
4. Operating Temperature: -25° C To +85° C
5. Waterproof: IPX8

Connector Pin Assignments					
A5	CC1	B12	GND		
A9	VBUS	B9	VBUS		
A12	GND	B5	GND		
PIN	SIGNAL	NAME	PIN	SIGNAL	NAME

RECOMMENDED PCB LAYOUT
TOLERANCE UNSPECIFIED: ±0.05mm

龙创中业电子科技（东莞）有限公司

USB TYPE-C F 6P SINKING PLATE TYPE

UCX-039C1A

DWG. NO.

DIMENSION TOLERANCE		DRAWN		Tom		2020-01-08	
X, X.Y	±0.35	CHECKED		Ango		2020-01-08	
X, X.Y	±0.25	APPROVE		Kevin		2020-01-08	
X, X.Y	±0.15	SCALE: N/A		SHEET: 1 OF 1			
UNIT: mm	GENERAL ANGLE: ±3°	REV.		NEW RELEASE		Tom	
LEVEL	C31	DESCRPTION		ECN NO.		NAME	
		REVISIONS		DATE			