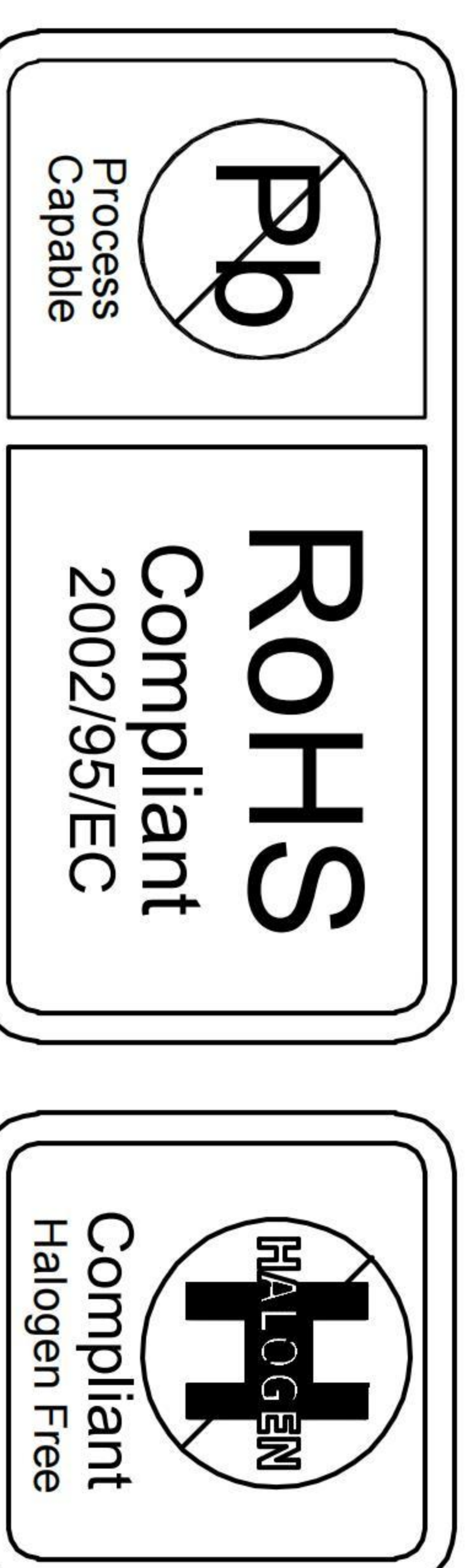


5	GND
4	ID
3	D+
2	D-
1	VBUS
PIN	NAME
PIN ASSIGNMENT	

RECOMMENDED PCB LAYOUT  
TOLERANCE: ±0.05

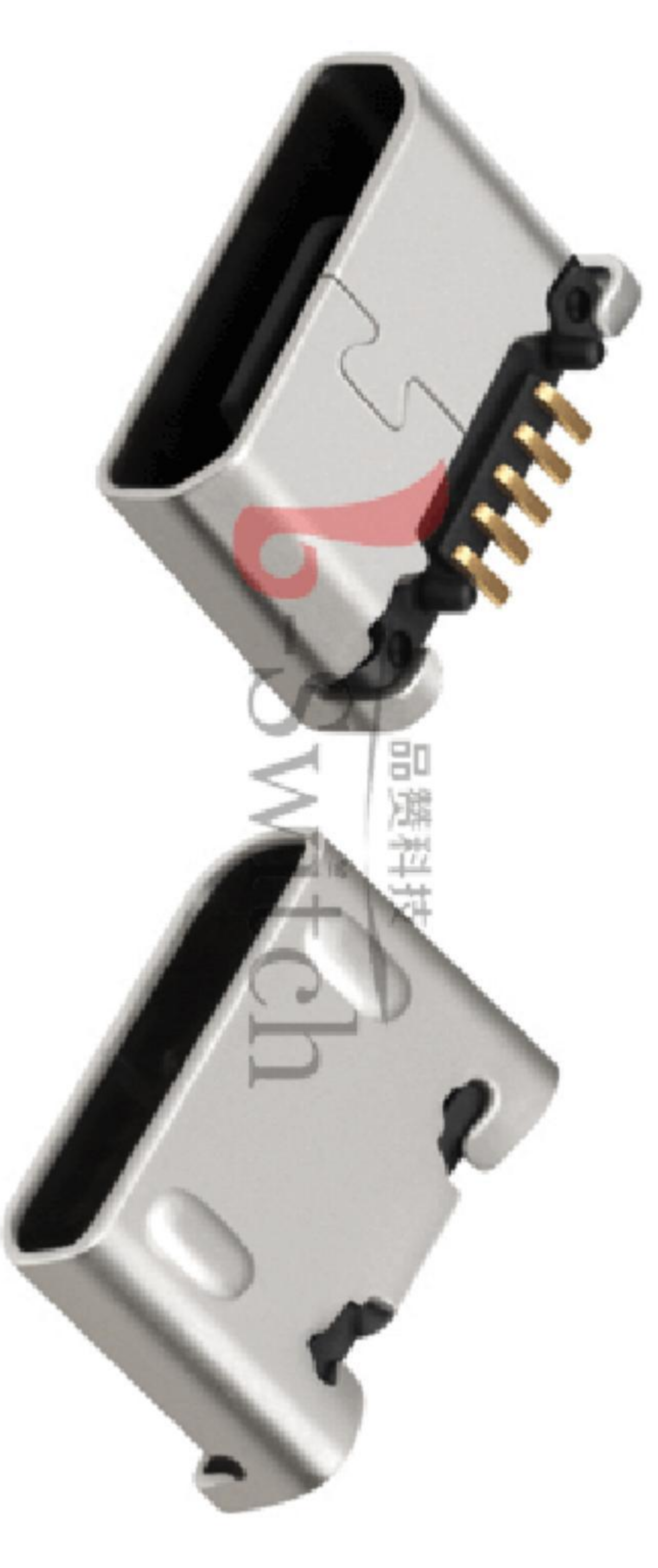


1	SHELL	COPPER ALLOY/STAINLESS STEEL	NI PLATED
2	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
3	TERMINALS	COPPER ALLOY	AU PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS

- G-Switch Specification:**
1. Current rating: 1.5PIN 1.8A Max/2.3,4PIN 1A Max.
  2. Dielectric withstanding voltage: 100 V(AC) for 1 min.
  3. Contact resistance: 30 mΩ Max.
  4. Insulation resistance: 100 MΩ Min.
  5. Mating force: 35N Max.
  6. Umating force: 8N Min.
  7. Temperature range: -30°C ~ +80°C

- Shell Plating**  
N=Ni  
G=Gold
- Housing Colour**  
B=Blue  
N=Black
- Terminal Plating**  
G1=1u  
G3=3u  
G5=5u

## GT-MC001E-S N N G3



SCALE: 1:1  
UNIT: mm

SIZE: A4

Unless otherwise  
General tolerance:

X.	±0.30
X.x	±0.20
X.xx	±0.15
Angles	±3°

Title: Horizontal MICRO USB Female

SMT L=5.0mm

Mold Code: GT-MC001E-SNNG3

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01



REV: A0 SHEET: 1/1