

PCB LAYOUT MOUNTING PATTERN

**SPECIFICATIONS**

**Electrical:**

- 1.Current Rating: 1.5A / contact terminal
- 2.Voltage Rating: 30V DC
- 3.Contact Resistance: 30 mΩ Max
- 4.Dielectric Withstanding Voltage: 500 V AC AT Sec Level
- 5.Insulation Resistance: 1,000 MΩ Min

**Mechanical:**

- 1.Connector Mate and Unmate Force  
Mate force: 3.57 kgf (Max)  
Unmate force: 1.02 kgf (Min)
- 2.Terminal Retention: 1.2 kgf (Min)

**Material:**

- 1.Housing: LCP
- 2.Contact: BRASS
- 3.Shell: BRASS

**Finish:**

- 1.Contact: Plated Gold in Mating Area ;  
Tin Plated on Solder Balls ;  
Nickel under plated overall
- 2.Shell: Nickel under Plated surface layer

**RoHS Compliant**

TOLERANCES ARE



**煜倫股份有限公司**

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

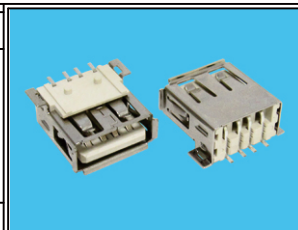
SCALE 1 : 1

DATE

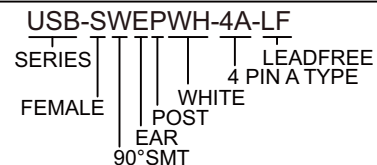
SIZE A4

PJECTION

Up to 5 ±0.2  
Above 5 ~ 15 ±0.3  
Above 15 ~ 30 ±0.4  
Above 30 ~ 50 ±0.5  
Angle ±0.3°



**ORDER INFORMATION**



DESCRIPTION: USB AF 90度 SMT 方耳柱1.2無後蓋 柱距 5.0