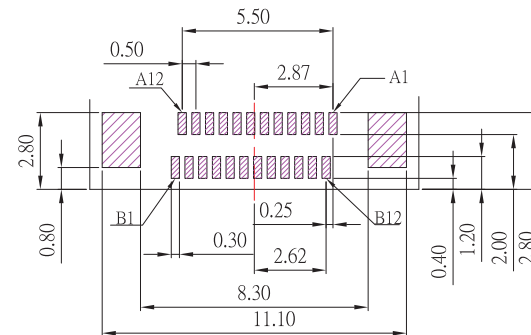


USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SS1Tx1	Positive half of first SuperSpeed TX differential pair	B11	SSRx1	Negative half of first SuperSpeed RX differential pair
A3	SS1Tx1	Negative half of first SuperSpeed TX differential pair	B10	SSRx1	Positive half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SR02	Sideband Use (SR0)
A6	Dp1	Positive half of the USB 2.0 differential pair position 1	B7	Dm2	Negative half of the USB 2.0 differential pair position 2
A7	Dm1	Negative half of the USB 2.0 differential pair position 1	B6	Dp2	Positive half of the USB 2.0 differential pair position 2
A8	SR01	Sideband Use (SR0)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRx2	Negative half of second SuperSpeed RX differential pair	B3	SS1Tx2	Positive half of second SuperSpeed TX differential pair
A11	SS1Tx2	Positive half of second SuperSpeed TX differential pair	B2	SSRx2	Negative half of second SuperSpeed RX differential pair
A12	GND	Ground return	B1	GND	Ground return



P.C.B LAYOUT MOUNTING PATTERN

**SPECIFICATIONS**

**Electrical:**

1. Rating: 5.0A(for VBUS),0.25A(for other)
- 2.Contact Resistance: 40 mΩ Max
- 3.Insulation Resistance: 100 MΩ Min
- 4.Dielectric Withstanding Voltage: 100V AC

**Mechanical:**

- 1.Connector Mate and Unmate Force
  - 1.1 Mate force: 5~20 N
  - 1.2 Unmate force: 8~20 N

**Material:**

- 1.Housing: LCP,UL 94V-0
- 2.Contact: Phosphor Bronze
- 3.Shell: SUS

**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

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES  
**煜倫股份有限公司**  
www.morethanall.com

DRAWING BY CY  
CHECKED BY GENIUS  
UNIT / mm SCALE 1 : 1  
DATE  
SIZE A4 PPROJECTION

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

照片框

**ORDER INFORMATION**

**USB-PWFE-24C-LF**  
SERIES | LEADFREE  
24 PIN C TYPE  
EAR  
OFFSET  
90°SMT  
MALE

DESCRIPTION: TYPE C Male SMT 全貼 沉板,板上H1.60mm