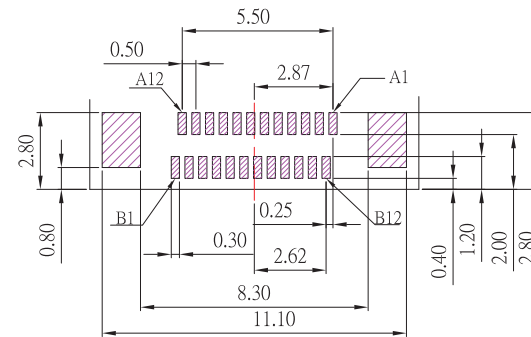


USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GN0	Ground return	B12	GN0	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	VW4	Bus Power	B9	VW4	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	DP2	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	VW4	Bus Power	B4	VW4	Bus Power
A10	SSRx2	Negative half of second SuperSpeed RX differential pair	B3	SS1Tx2	Positive half of second SuperSpeed TX differential pair
A11	SSRx2	Positive half of second SuperSpeed RX differential pair	B2	SS1Tx2	Negative half of second SuperSpeed TX differential pair
A12	GN0	Ground return	B1	GN0	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-PWFES30-24C-LF
SERIES | | | | LEADFREE
24 PIN C TYPE
SEMI GOLD 30u"
MALE | | | | EAR
| | | | OFFSET
90°SMT

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