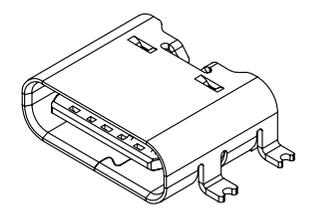


RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm



USB Type-C Pin Assignments

Pin Number	Signal Name	Pin Number	Signal Name
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

Specifications:
 Current Rating:5.0A AC,DC
 Voltage Rating:100V AC,DC
 Contact Resistance:40M Ohm Max
 Insulation Resistance:100M Ohm Min
 Withstanding Voltage:100V AC/Minute
 Operating Temperature Range:-40°C to +85°C
 Mechanical:
 Mating Force:5~20N Max
 Unmating Force:8~20N Min
 Durability:10000 cycles Min
 Materials:
 Insulator:High Temp.Plastic (LCP UL94V-0)
 Contact:Brass
 Contact Plating:Gold Plated on Contact Area,
 Matte-Tin Plated on Solder Tail.
 Shell:Stainless Nickel 50u" Plated
 Package:1200pcs/Reel

RoHS Compliant

E				DRAWN: Jack Zhou	.X=±0.2 .XX=±0.15		DESCRIPTION: USB REV. 3.1 C Type Socket Conn 6 pin R/A SMT Type	SIZE A4
D				CHECKED: Ken Wang				
C				APPROVAL: Make Hu	UNIT: MM	PART NO: UBSR31H1-06SGXX	D	
B					SCALE:2:1			
A	27-Aug-2025	(H0126)	Jack Zhou	SHEET: 1 / 1				
REV	DATE	FILE	BY	PROJECTION:				