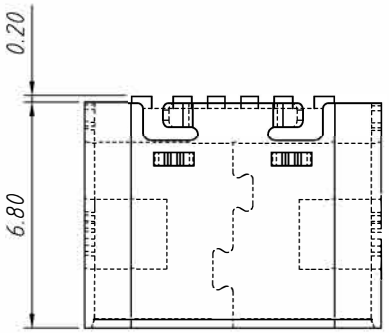
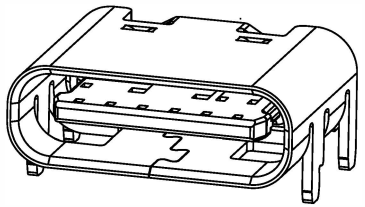
RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0		New Version Release	WuHao	2025-06-12





Order Information

USB-C-HCI-6P

RoHS

USB Type

Length:

L1=1.0

Plating Code:

01=AU 1u" 03=AU 3u"

15=AU 15u" 30=AU 30u"

Packing: R=Reel

Material:

Housing:High Temperature Resistant Plastic,UL94V-0

Contacts:Copper Alloy,Ni 50u" Min Under Plated Over All

Au Plated On The Functional Area Of Contact

(Gold Plating Thickness Follow The P/N)

Gold Flash Plating On Solder Area

Front Shell:Ni 30u" Min.Under Plated Over All

Electric:

Rated Current:5.0 A

Rated Voltage:20V

Insulation Resistance:100 MΩ Min

Dielectric Withstand Voltage:AC 100V For 1 Minyte

Low Contact Resistance:Intial 40MΩ / After 50MΩ

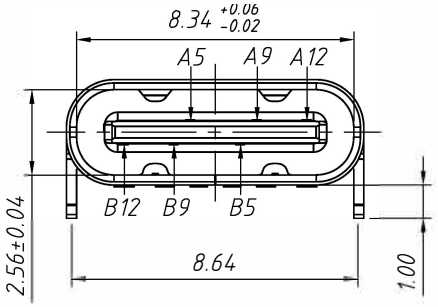
Insertion Force:0.5~2.0 Kg

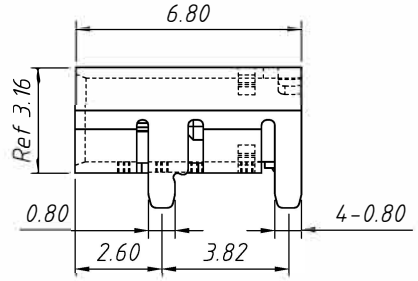
Removal Force:0.8~2.0 Kg

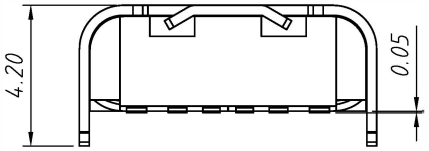
Life:3000 Cycles

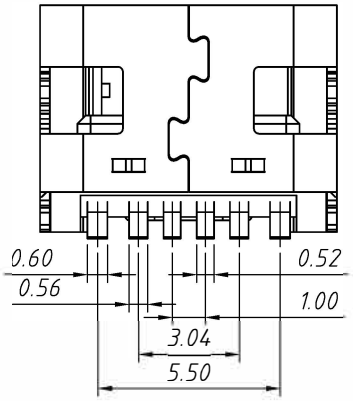
Operating Temperature:-30℃~+80℃

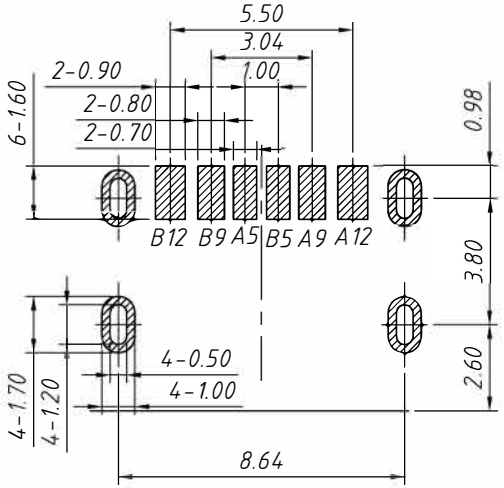
The Peak Temperature On The Board Shall Be Maintained For 10 Seconds At 260℃











Recommanded PCB Layout

Tolerance Unspecified ±0.05mm

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

ANGLE TOLERANCE	PROJECTION		Description:	USB Type-C Connector
±3°				
GENERAL TOLERANCE	UNITS	mm	P/N:	
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	WuHao	2025-06-12	USB-C-HCI-6P Arlex
x.xxx ±0.10	Check:	Daniel	2025-06-12	