

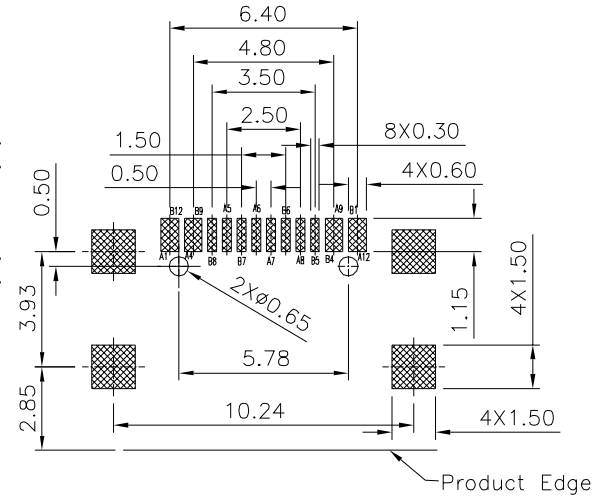
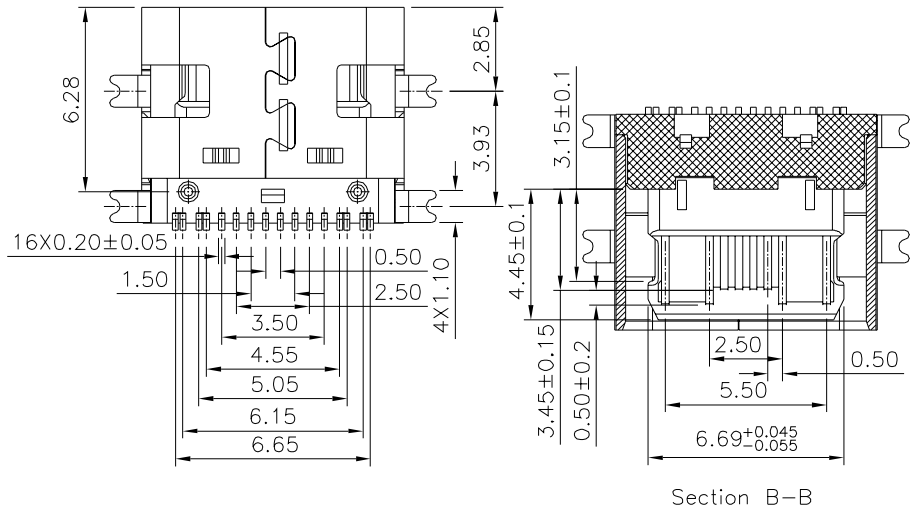
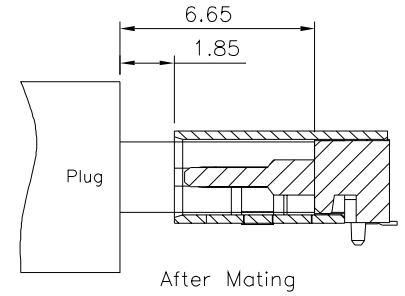
SPECIFICATION

Current Rating:5A For Pin(A4,A9,B4,B9)
 1.25A For Pin(B5)
 0.25A For Others Pin

Voltage Rating:5.0V
 Durability:10000 Cycles
 Contact Resistance:
 VBUS & GND Pins And Other Pins:40 Milliohms/Pin Max.
 Shield:50 Milliohms/Max.

LLCR Max. Change Of All Pins:10 Milliohms
 Insulation Resistance:100 Megaohms Min.
 Withstand Voltage:100V AC For 1 Minute.
 Operating Temperature:-25°C~+85°C
 Insertion Force:5~20N
 Extraction Force:Initial:8~20N
 After Durability:6~20N

① Shell:Stainless Steel,Nickel Plated
 ② Contact:Copper Alloy,Gold Plated On Contact Area,
 Gold Flash On Other Area,Over Nickel
 ③ Mid Plate:Stainless Steel
 ④ MD Housing:LCP(UL94V-0),Black
 RoHS Compliant



Recommended P.C.B. Layout(Top View)
 (Tolerance±0.05)Thickness0.80mm

△ USB Type-C Pin Assignments

Pin	Signal Name	Pin	Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

4UCON 元化興業股份有限公司
 4UCON TECHNOLOGY INC.

DRAWING No. △
 22742

APPROVED BY MEI
 CHECKED BY HZF
 DRAWING BY LZX

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
 .X ±0.30 .X* ±2*
 .XX ±0.20 .XX* ±1*
 .XXX ±0.10
 UNIT mm

NO.	REV.	REVISIONS	CHK	DATE
△	A2	Modify Data	HZF	08/23/2024
△	A1	Modify Data	HZF	11/17/2022
△	A0	NEW RELEASE	HZF	03/24/2022

SCALE NONE REV. A2