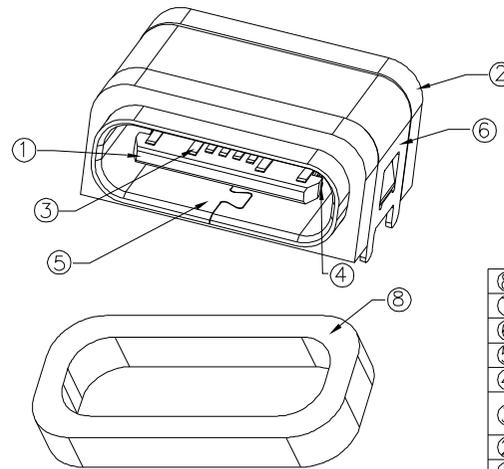
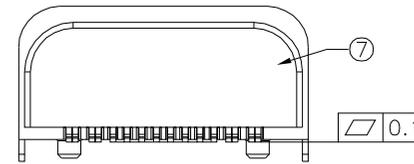
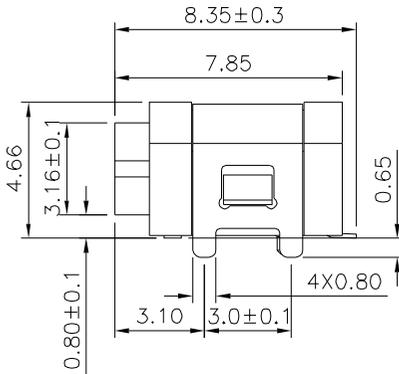
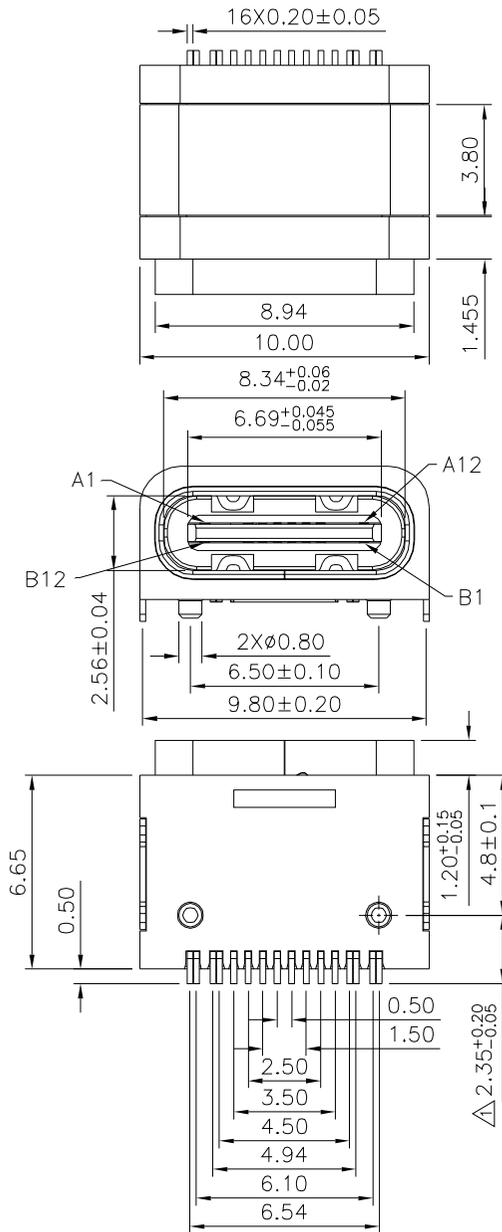


**SPECIFICATION**

Current Rating:5.0 A Max. for VBUS Pins,  
 1.25 A for VCONN Pin and GND Pins,  
 0.25 A for all of other Pins.  
 Contact Resistance:40 Milliohms Max. Initial  
 Withstand Voltage:100V AC Min.  
 Mating Force:5~20N  
 Unmating Force:8~20N(Initial)  
 6~20N(After 10000 Cycles)  
 Frequency:10000 Cycles  
 Operation Temperature:-30°C~+85°C  
 Waterproof: IPX8 1.2M/30 Minutes  
 RoHS Compliant

⚠ Note: Baking Is Required For Products Storage More Than 6 Months. Baking Conditions: 60°C/8H (the Outer Polybag Must Be Removed Before Baking; The Entire Tray Can Be Baked).



⚠ O-Ring View

⑧	O-Ring	1Pcs	Silica Gel	Black
⑦	Glue	—	Epoxy Glue	Black
⑥	Out Shell	1Pcs	Stainless Steel	Nickel Plated
⑤	Inside Shell	1Pcs	Stainless Steel	Nickel Plated
④	Shielding Plate	1Pcs	Stainless Steel	—
③	Contact	1Set	Copper Alloy	Gold Plated On Contact Area,Gold Plated On Solder Tails,Over Nickel
②	Shell Housing	1Pcs	PA9T UL94V-0	Black
①	Housing	1Pcs	LCP UL94V-0	Black
No.	Description	Q'ty	Material	Remark

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

DRAWING No.

23035

APPROVED BY

Davis

CHECKED BY

Ben

DRAWING BY

SJH

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ⚠

.X ±0.30

.XX ±0.25

.XXX ±0.10

SCALE

NONE

REV.

B2

UNIT

mm



NO. REV.

REVISIONS

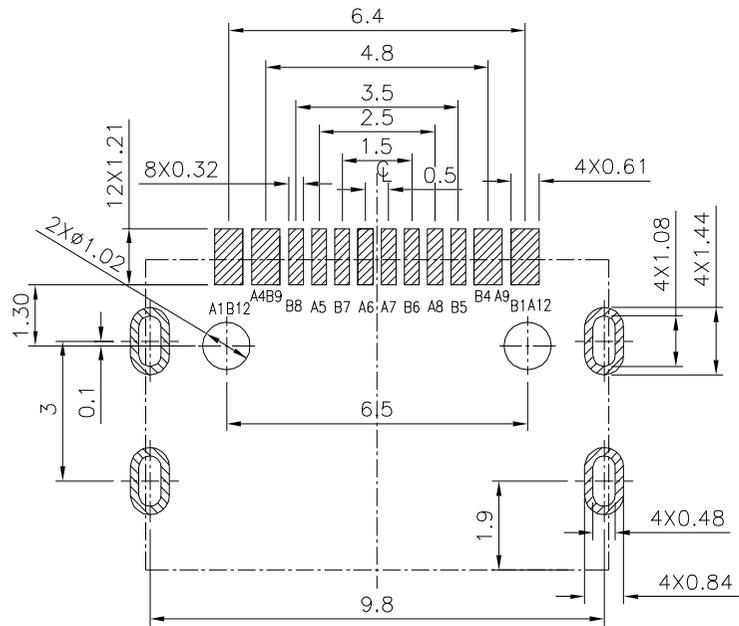
CHK

DATE

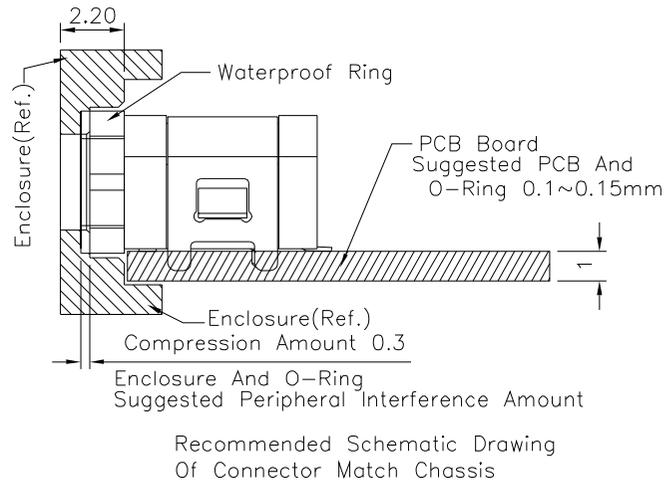
⚠ B2 Modify Data SJH 01/19/2026

⚠ B1 Modify Data SJH 09/05/2024

⚠ B0 NEW RELEASE SJH 08/27/2024



Recommended P.C.B Layout  
Tolerance ±0.05



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CHECKED BY Ben  
DRAWING BY SJH

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE  $\Delta$   
.x ±0.30  
.XX ±0.25  
.XXX ±0.10

NO.	REV.	REVISIONS	CHK	DATE
$\Delta$ B2		Modify Data	SJH	01/19/2026
$\Delta$ B1		Modify Data	SJH	09/05/2024
$\Delta$ B0		NEW RELEASE	SJH	08/27/2024

SCALE NONE REV. B2 UNIT mm