

**MODEL:** UJ2-MIBH-3-MSMT-TR-67 | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- IP67 waterproof
- USB micro B type receptacle
- USB 2.0
- mid surface mount - reverse mount

**SPECIFICATIONS**

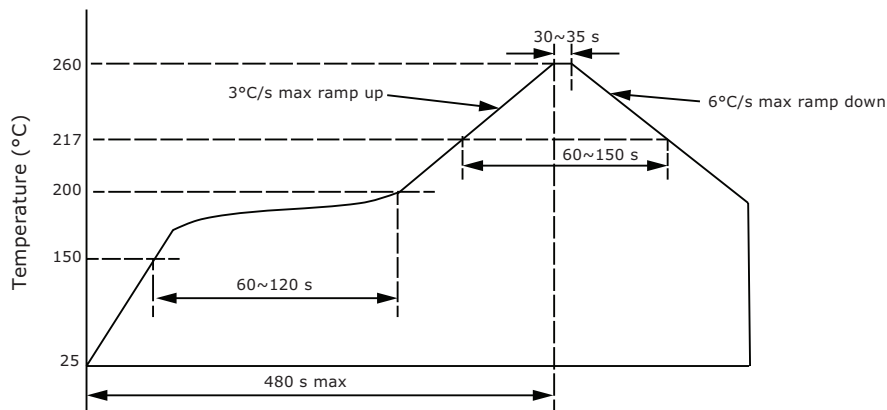
parameter	conditions/description	min	typ	max	units
USB standard	USB 2.0				
rated input voltage				30	Vdc
rated input current				1.8	A
contact resistance <sup>1</sup>	between terminals and mating plug			30	mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			MΩ
voltage withstand	for 1 minute between adjacent contacts			100	Vac
insertion force	at a rate of 12.5 mm/min			20	N
withdrawal force	at a rate of 12.5 mm/min	7			N
life	at a rate of 500 cycles per hour		10,000		cycles
operating temperature		-30		85	°C
flammability rating	UL94V-0				
RoHS	yes				
IP level	IP67				

Note: 1. When measured at 20 mV max / 100 mA.

**SOLDERABILITY**

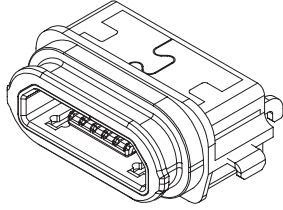
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <60%			30	°C
reflow soldering <sup>2</sup>	see reflow profile		260	270	°C

Note: 2. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.

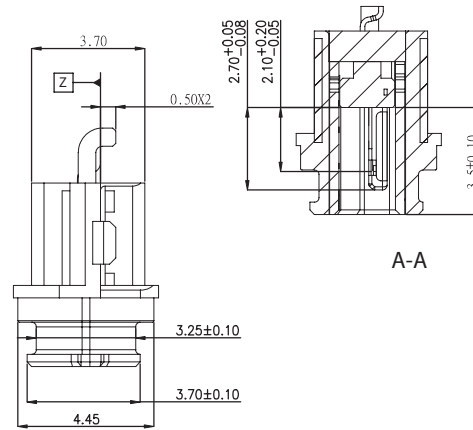
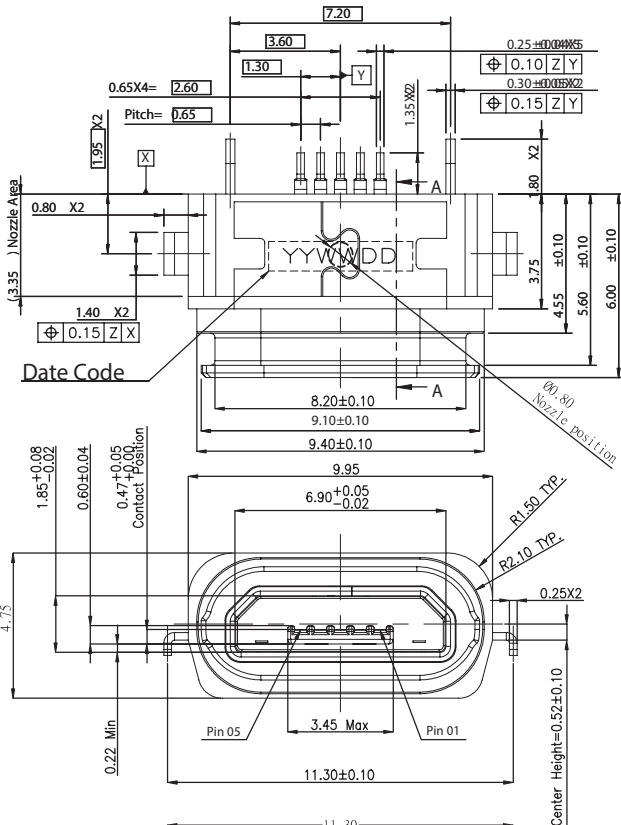


## MECHANICAL DRAWING

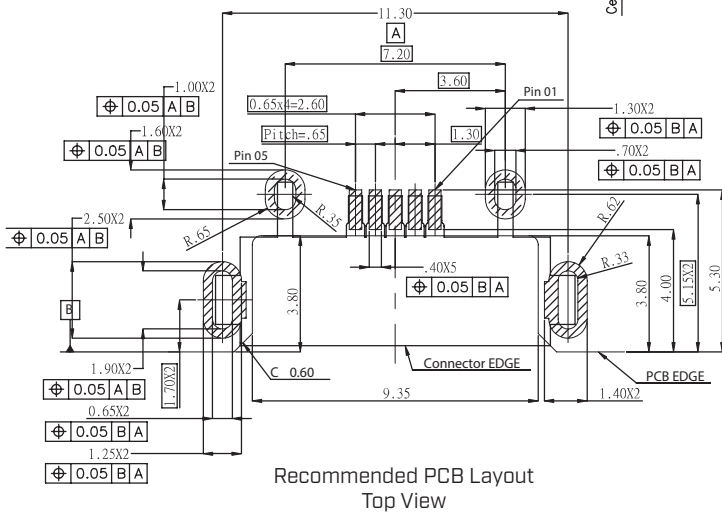
units: mm  
 tolerance: ±0.1mm  
 PCB: ±0.05 mm



	MATERIAL	PLATING
support	stainless steel	nickel
out side shell	stainless steel	tin over nickel
shell	stainless steel	nickel
contact	PBS	contact: 15 μ" gold solder: 3-5 μ" gold over nickel
out side housing	PA-9T	black
housing	PA-9T	black
o-ring (OR-40)	silicone	black

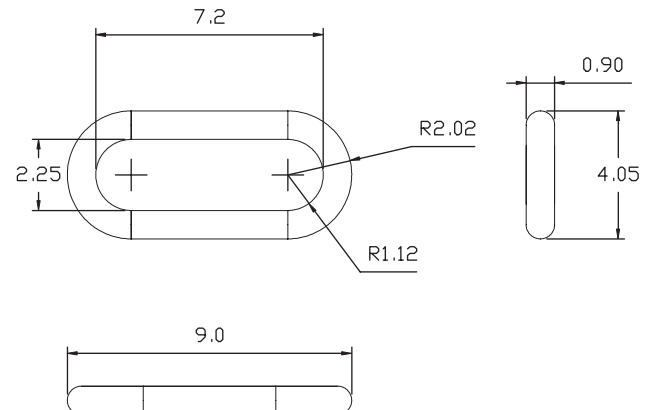


A-A

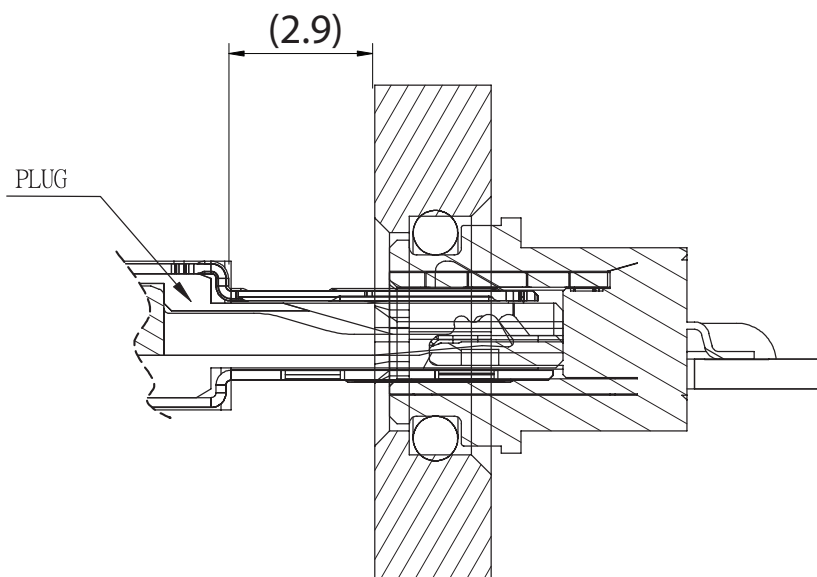
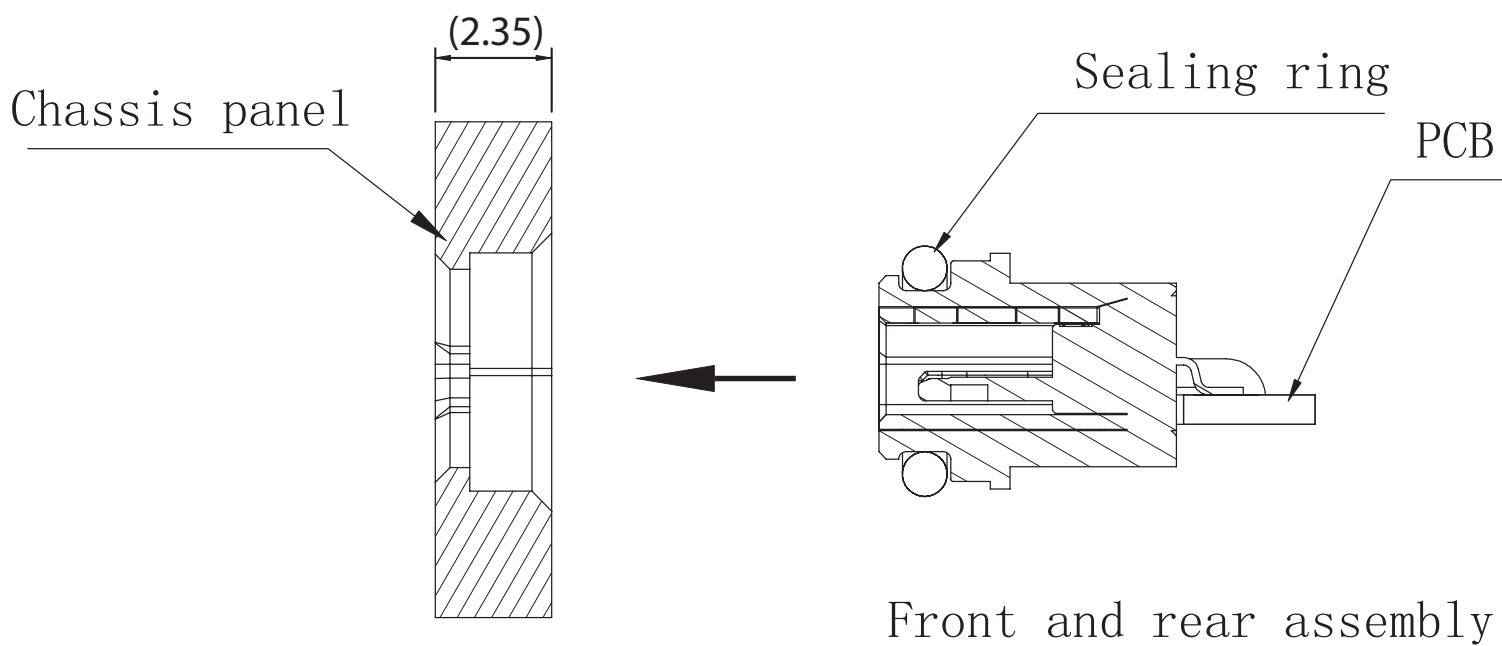


Recommended PCB Layout  
Top View

### O-ring (P/N: OR-40)



## ASSEMBLY REFERENCE

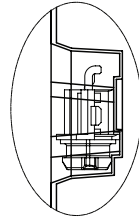
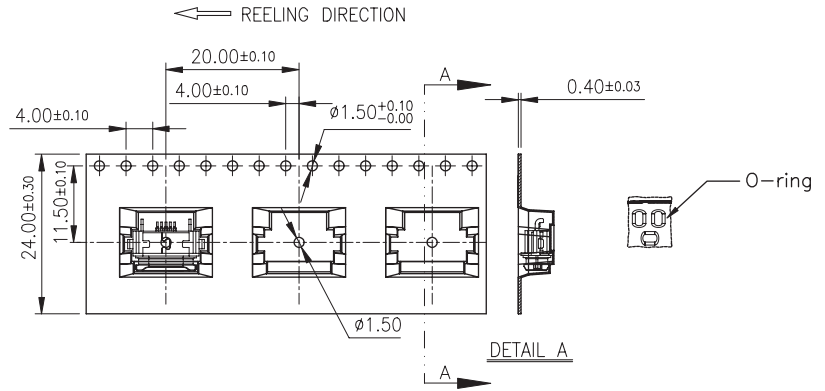
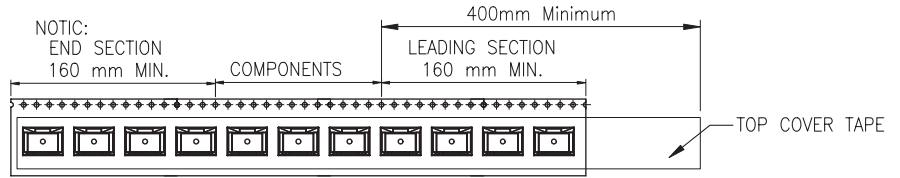
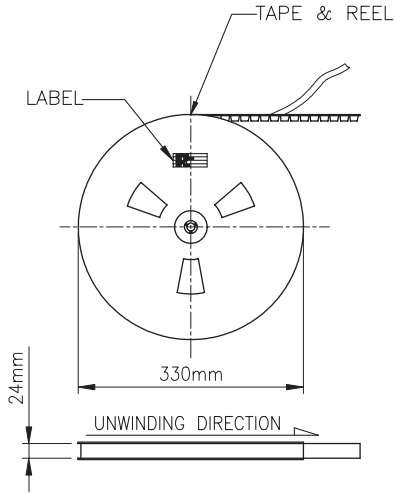


## PACKAGING

units: mm

Reel Size:  $\varnothing 330$  mm

Reel QTY: 700 pcs per reel



DETAIL A SCALE 2:1

## REVISION HISTORY

rev.	description	date
1.0	initial release	12/11/2018
1.01	brand update	01/27/2020
1.02	added USB standard, added o-ring p/n	04/07/2022
1.03	logo, datasheet style update	08/05/2022

The revision history provided is for informational purposes only and is believed to be accurate.



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