CUI Devices is now Same Sky! Learn More

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

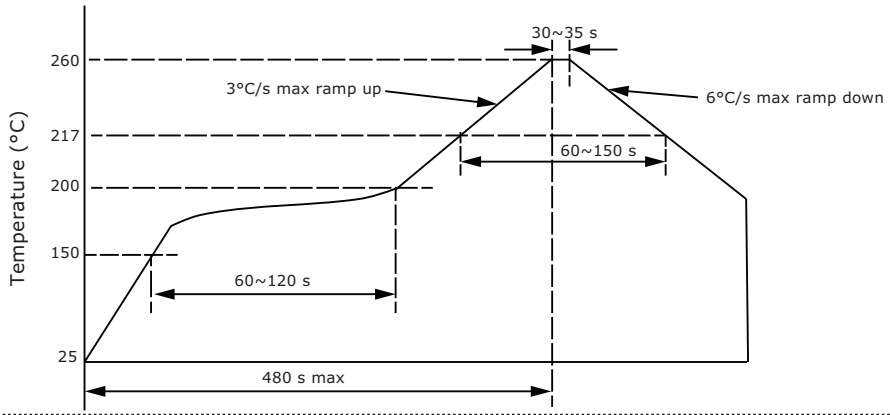
parameter	conditions/description	min	typ	max	units
USB standard	USB 2.0				
rated input voltage				30	Vdc
rated input current				1.8	A
contact resistance[1]	between terminals and mating plug			30	mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			MΩ
voltage withstand	for 1 minute between 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[2]	see reflow profile		260	270	°C

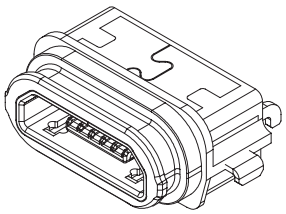
Note: 2. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.



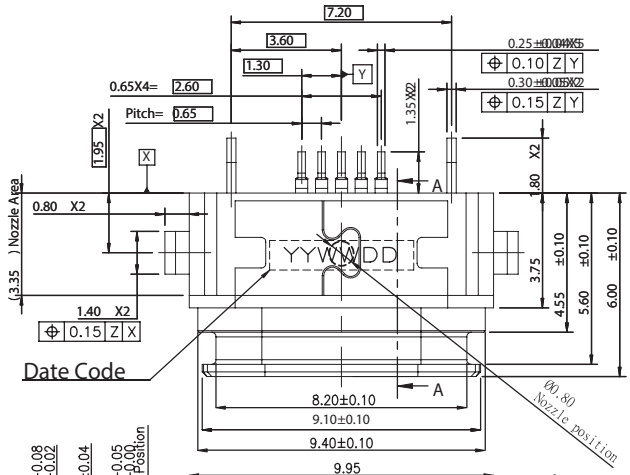
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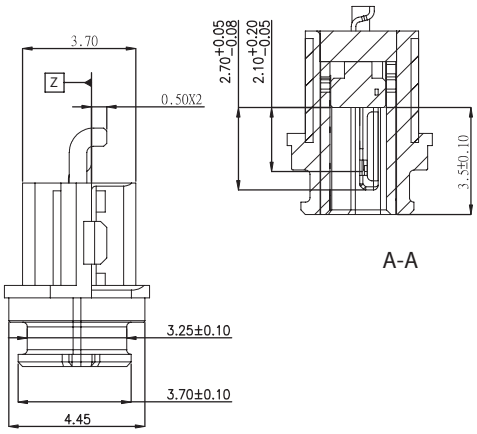
MECHANICAL DRAWING

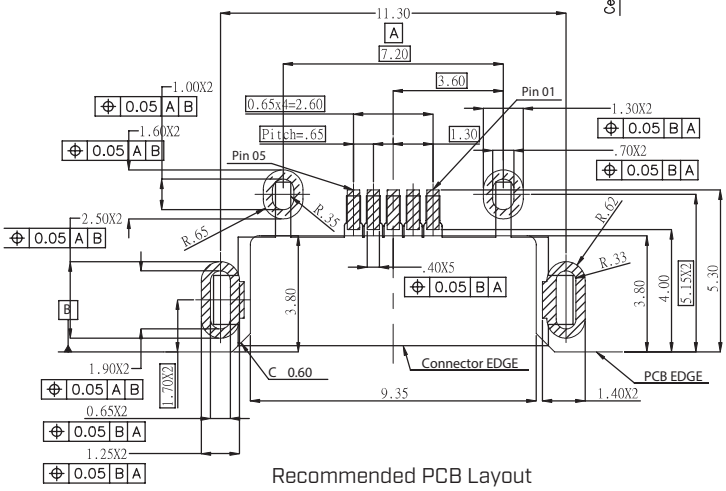
units: mm
tolerance: ±0.1mm
PCB: ±0.05 mm



	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

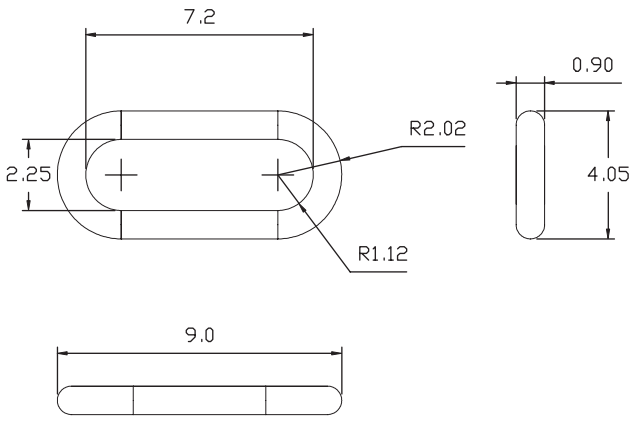






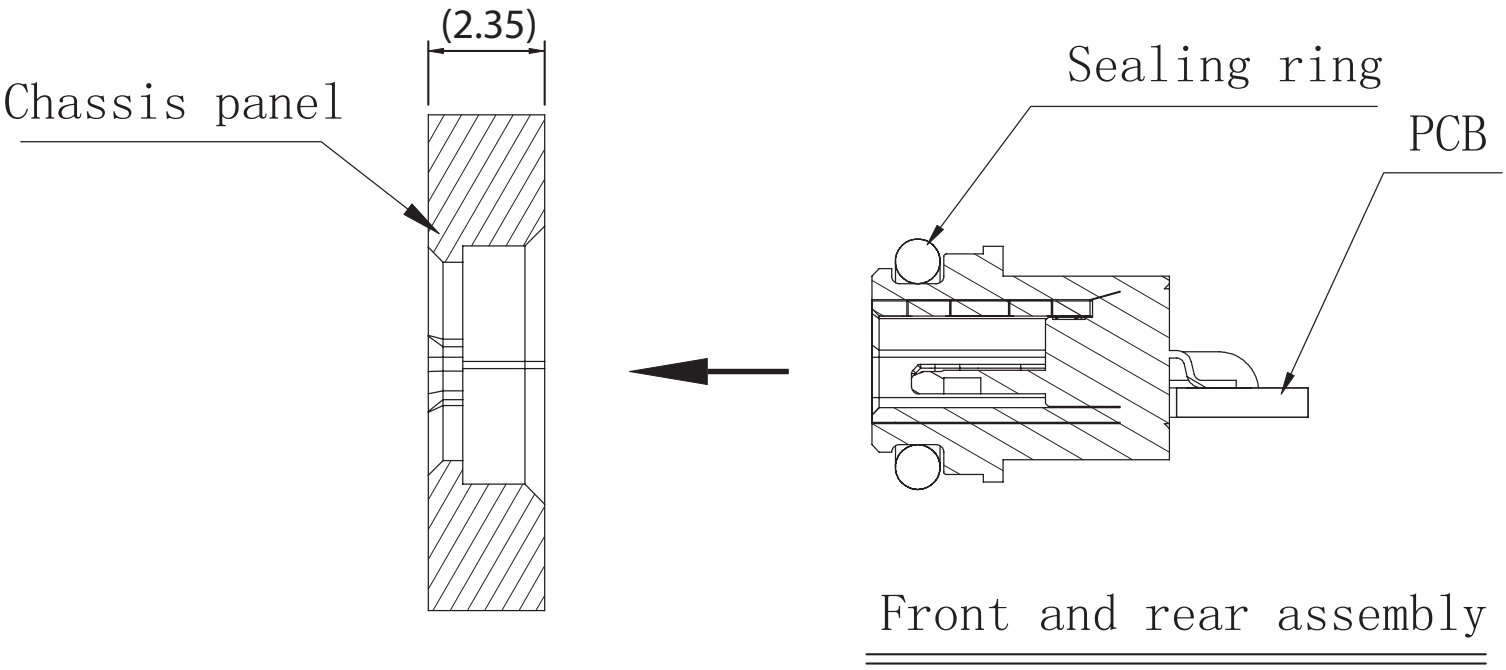
Recommended PCB Layout
Top View

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

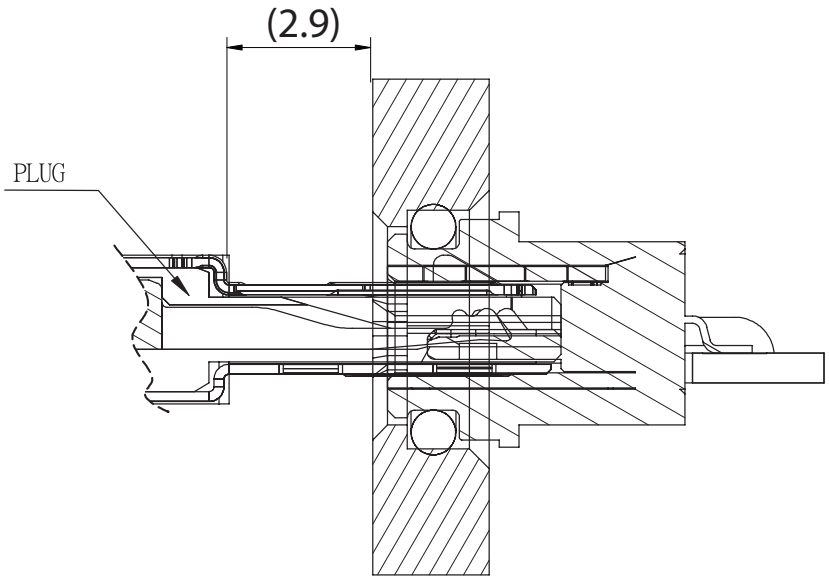


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ASSEMBLY REFERENCE



Front and rear assembly

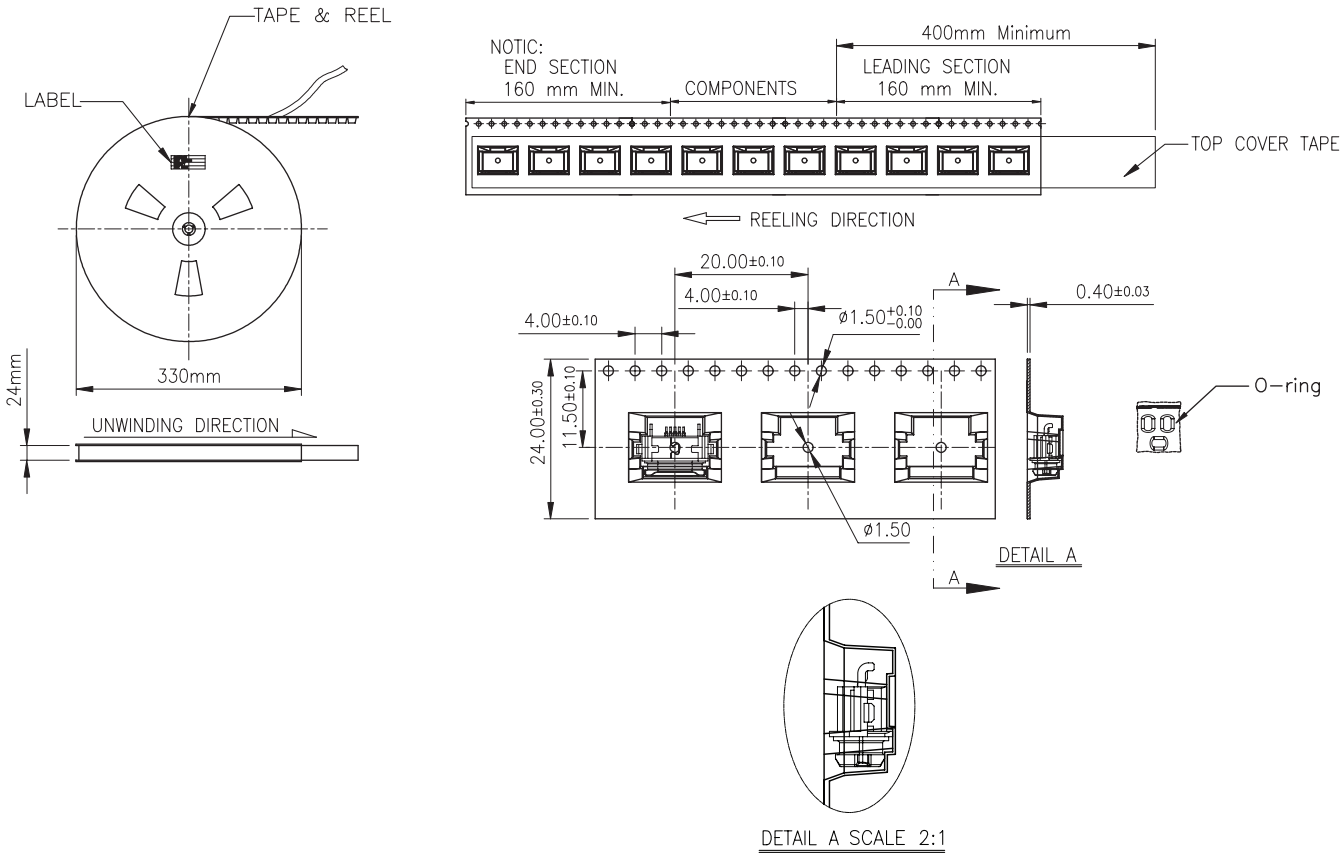


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PACKAGING

units: mm

Reel Size: Ø330 mm
Reel QTY: 700 pcs per reel



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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
1.04	CUI Devices rebranded to Same Sky	09/12/2024

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

same sky

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