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same sky

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

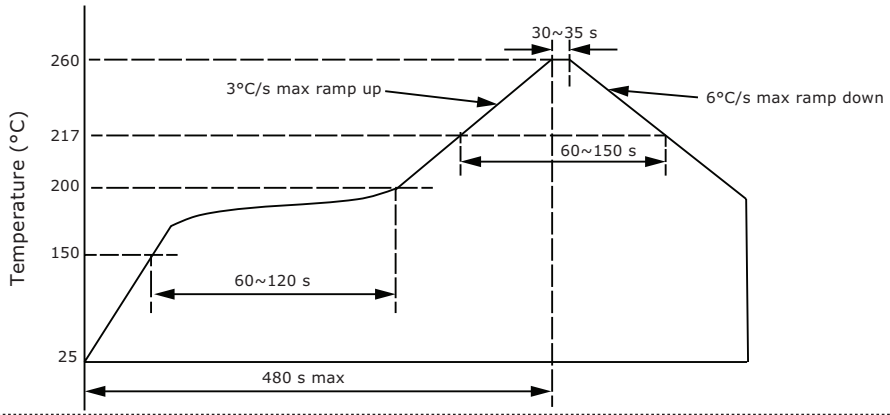
parameter	conditions/description	min	typ	max	units
USB standard	USB 2.0				
rated input voltage				30	Vdc
rated input current				1.8	A
contact resistance[1]	between terminals and mating plug			30	mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			MΩ
voltage withstand	for 1 minute between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

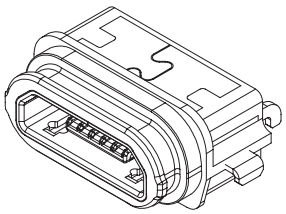
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <60%			30	°C
reflow soldering[2]	see reflow profile		260	270	°C

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

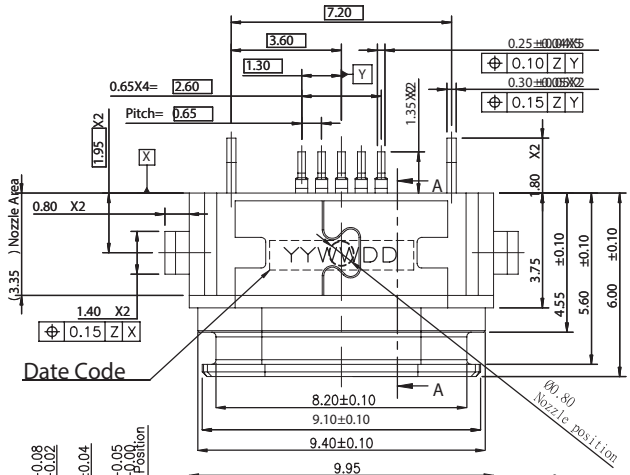


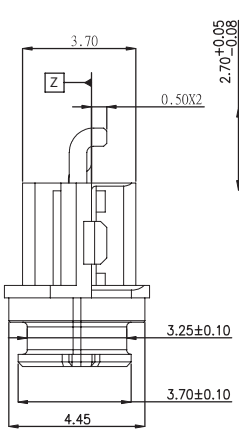
MECHANICAL DRAWING

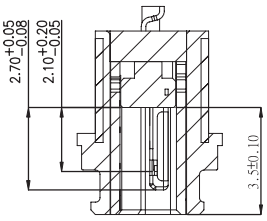
units: mm
tolerance: ±0.1mm
PCB: ±0.05 mm

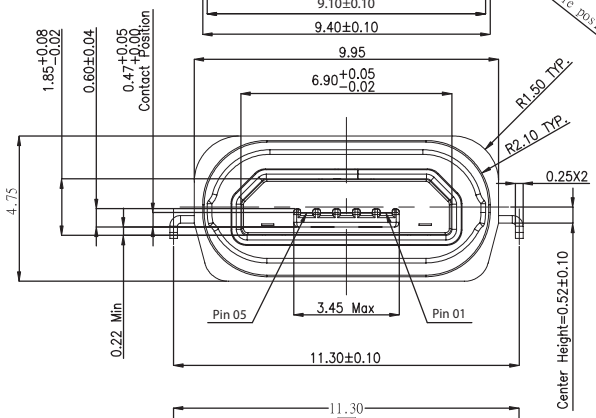


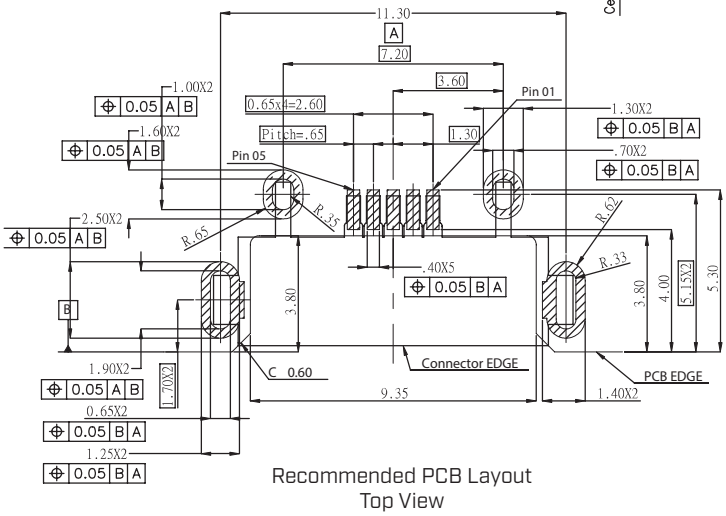
	MATERIAL	PLATING
support	stainless steel	nickel
out side shell	stainless steel	tin over nickel
shell	stainless steel	nickel
contact	PBS	contact: 15 μ" gold solder: 3~5 μ" gold over nickel
out side housing	PA-9T	black
housing	PA-9T	black
o-ring (OR-40)	silicone	black





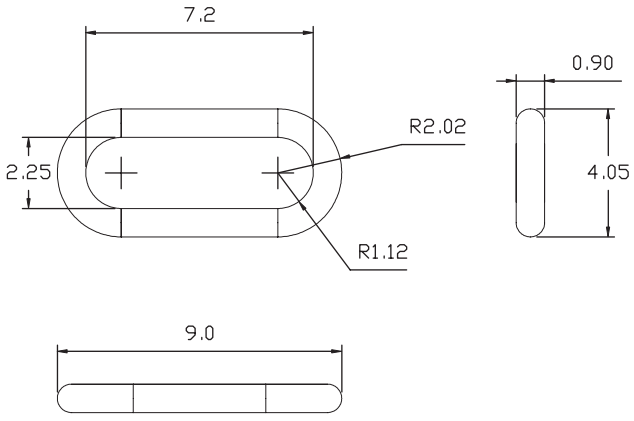




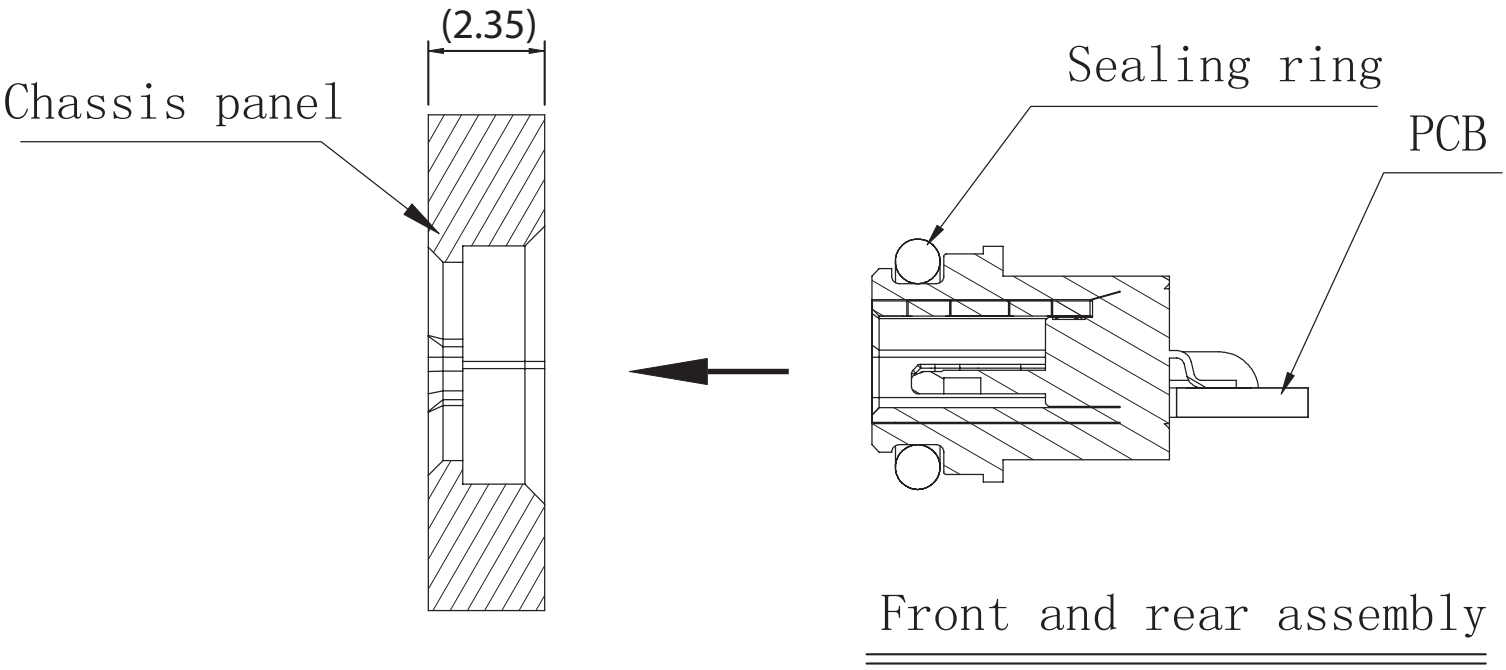


Recommended PCB Layout
Top View

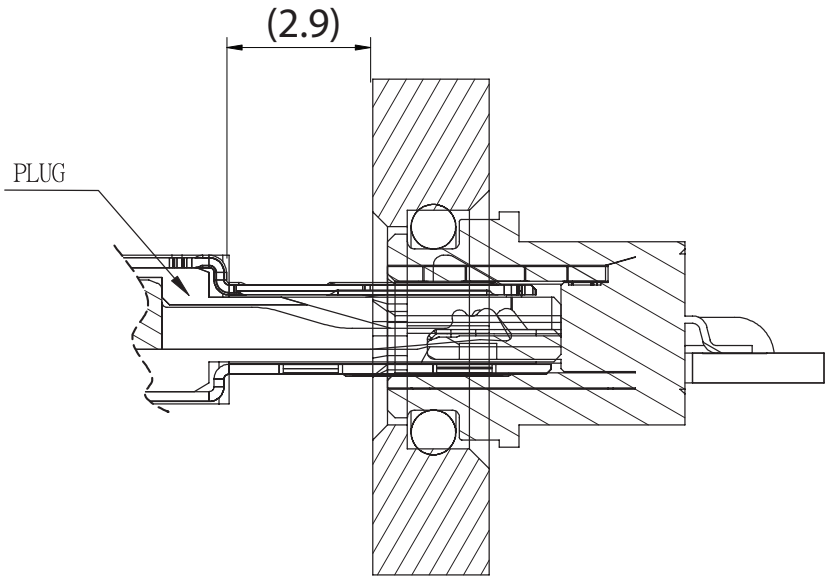
O-ring (P/N: OR-40)



ASSEMBLY REFERENCE



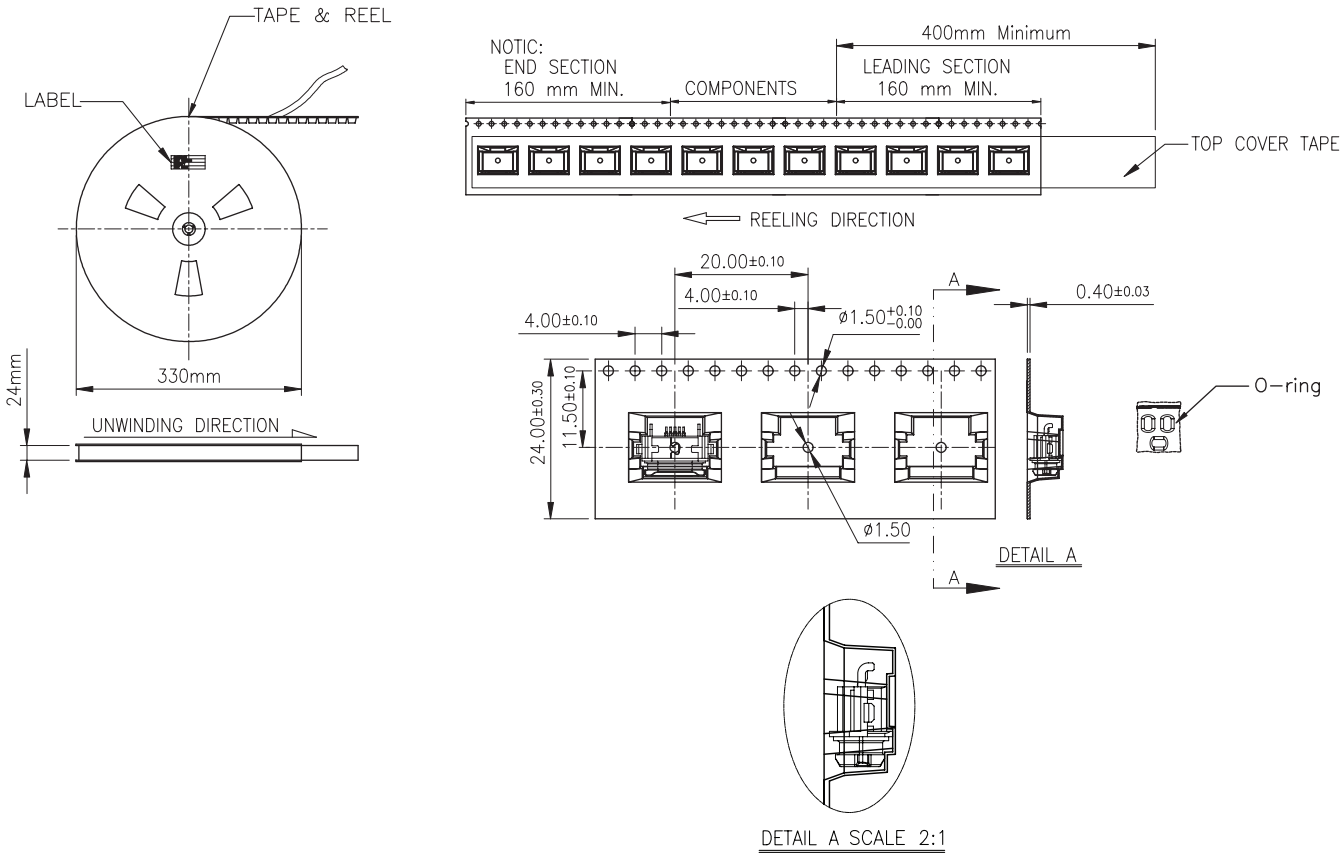
Front and rear assembly



PACKAGING

units: mm

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



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 offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.