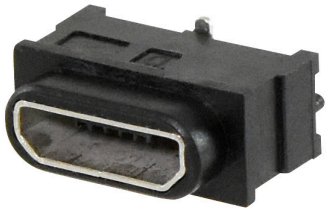
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same sky

MODEL: UJ2-MIBV-4-SMT-TR-67 | DESCRIPTION: USB RECEPTACLE

FEATURES

- IP67 waterproof
- USB micro B type receptacle
- USB 2.0
- surface mount
- vertical orientation



SPECIFICATIONS

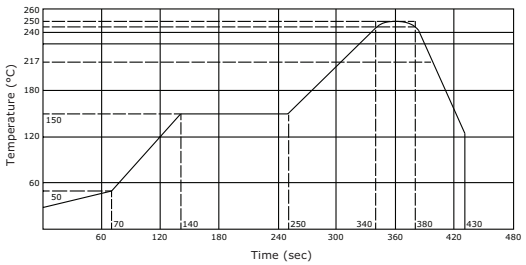
parameter	conditions/description	min	typ	max	units
USB standard	USB 2.0				
rated input voltage				30	Vac
rated input current	pins 1, 5 pins 2, 3, 4			1.8 0.5	A A
contact resistance[1]	between terminals and mating plug			30	mΩ
insulation resistance	at 250 Vdc for 1 minute between adjacent contacts	100			MΩ
voltage withstand	for 1 minute between adjacent contacts			250	Vac
insertion force				35	N
withdrawal force		8			N
life	at a rate of 500 max cycles per hour		10,000		cycles
operating temperature		-25		85	°C
flammability rating	UL94V-0				
RoHS	yes				
IP level	IP67				

Note: 1. When measured at a current of less than 100 mA/1 kHz.
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering[3]	see reflow profile	245	250	255	°C
drying conditions[4]	parts in reel: bake at 40°C ±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours				

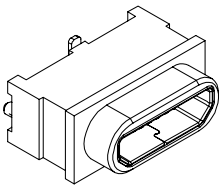
Note: 3. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
4. When exceeding floor life by >72 hours.

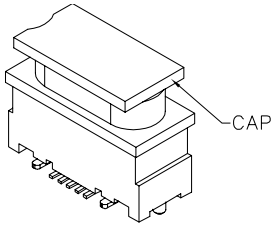


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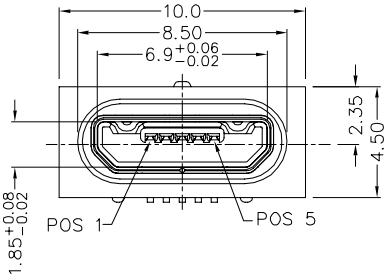
MECHANICAL DRAWING

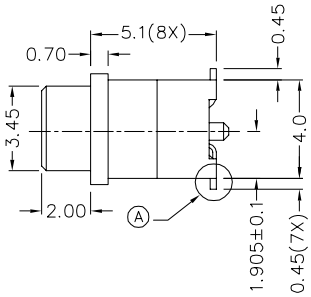
units: mm
tolerance:
X.X ±0.20 mm
X.XX ±0.1 mm
X.XXX ±0.05 mm
PCB: ±0.05 mm

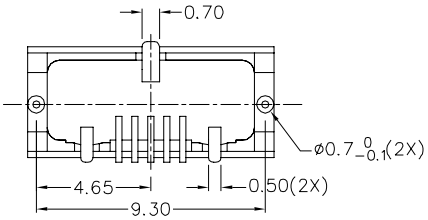


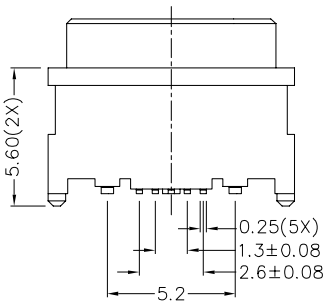


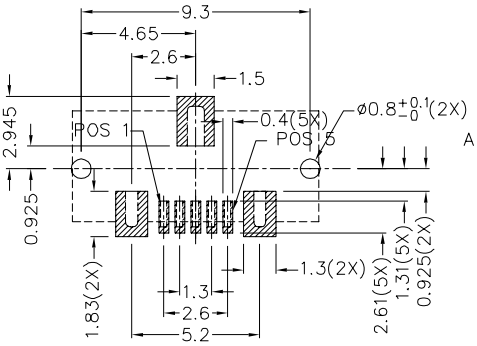
	MATERIAL	PLATING
contact terminals	copper alloy	gold falsh
shell	stainless steel	nickel
insulator	PA10T	black
housing	PA10T	black
cap	PA10T	black
o-ring (OR-10)	silicone	black

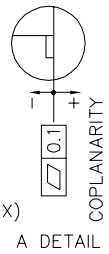


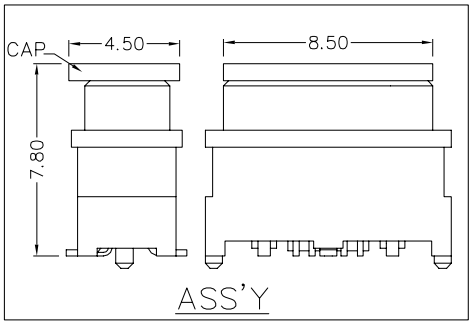






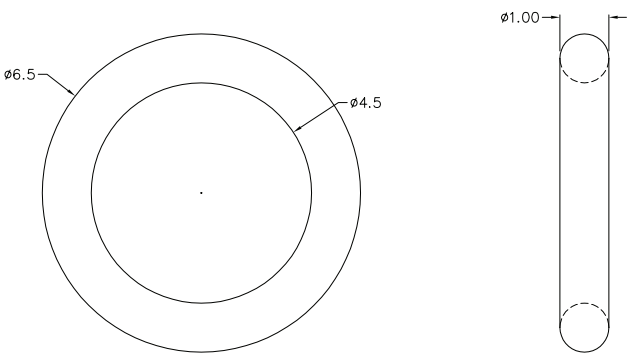






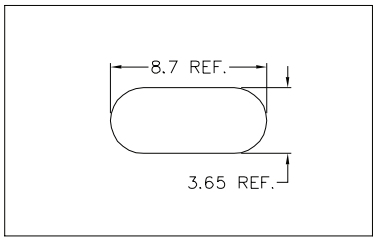
Recommended PCB Layout
Top View

O-ring (P/N: OR-10)

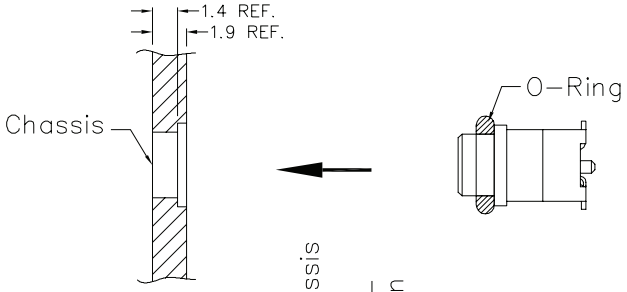


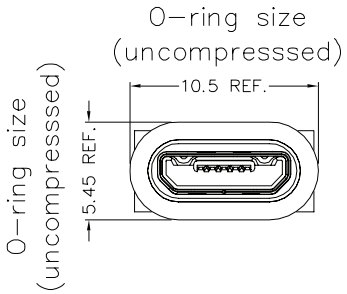
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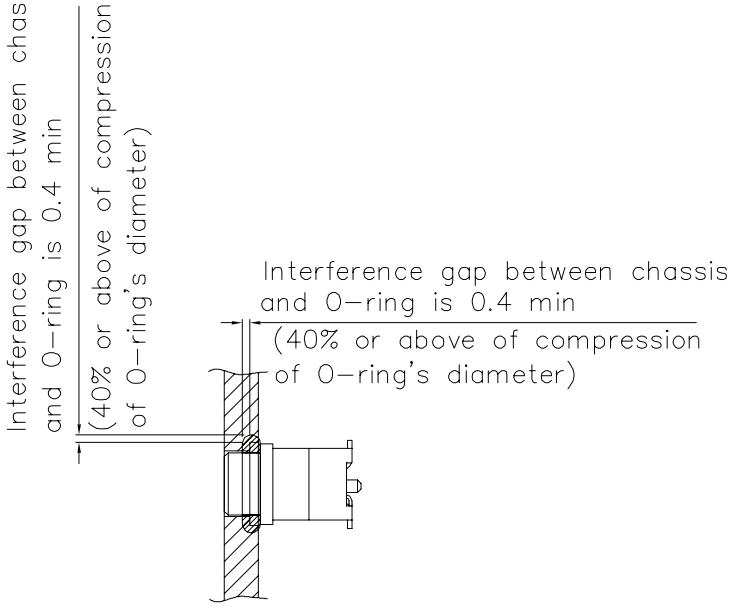
ASSEMBLY REFERENCE



Top View







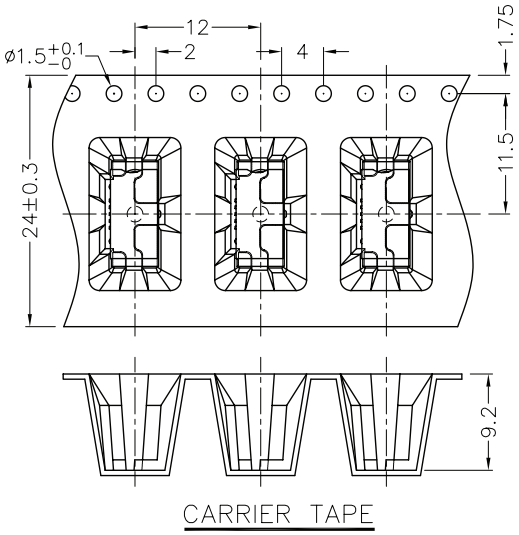
After assembling on chassis

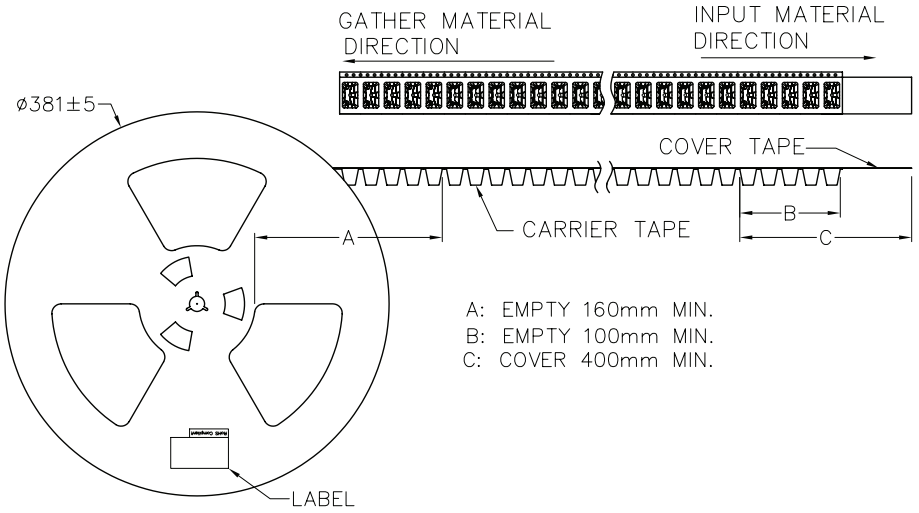
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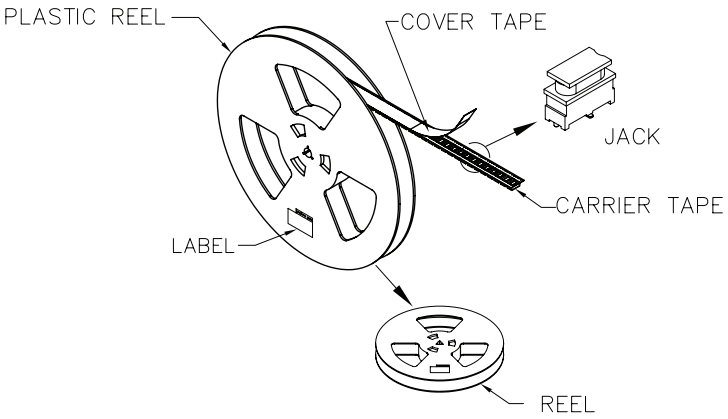
PACKAGING

units: mm

Reel Size: Ø381 mm
Reel QTY: 800 pcs per reel







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REVISION HISTORY

rev.	description	date
1.0	initial release	12/05/2018
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.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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.

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