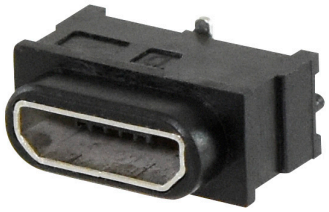
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MODEL: UJ2-MIBV-4-SMT-TR-67 | DESCRIPTION: USB RECEPTACLE

FEATURES

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



SPECIFICATIONS

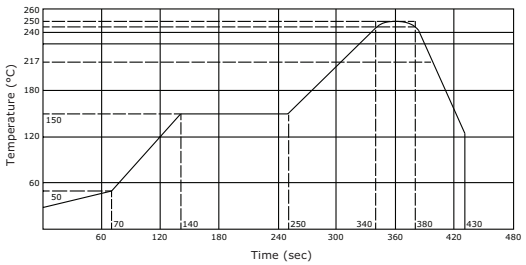
parameter	conditions/description	min	typ	max	units
USB standard	USB 2.0				
rated input voltage				30	Vac
rated input current	pins 1, 5 pins 2, 3, 4			1.8 0.5	A A
contact resistance[1]	between terminals and mating plug			30	mΩ
insulation resistance	at 250 Vdc for 1 minute between adjacent contacts	100			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

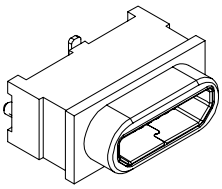
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering[3]	see reflow profile	245	250	255	°C
drying conditions[4]	parts in reel: bake at 40°C ±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours				

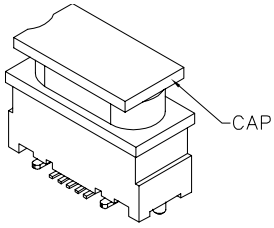
Note: 3. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
4. When exceeding floor life by >72 hours.



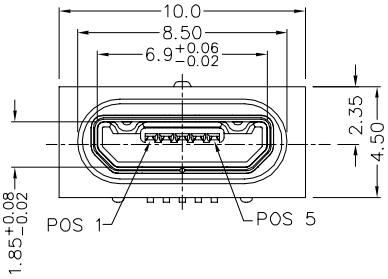
MECHANICAL DRAWING

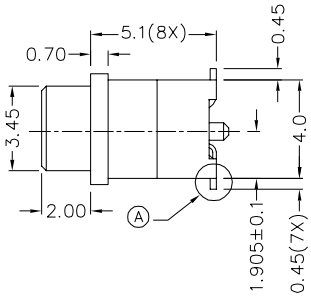
units: mm
tolerance:
X.X ±0.20 mm
X.XX ±0.1 mm
X.XXX ±0.05 mm
PCB: ±0.05 mm

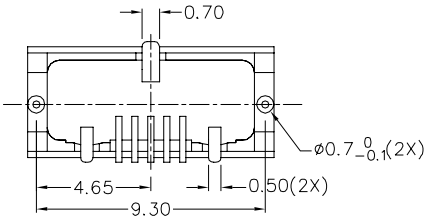


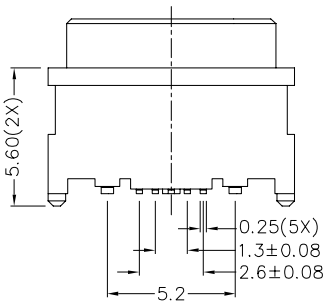


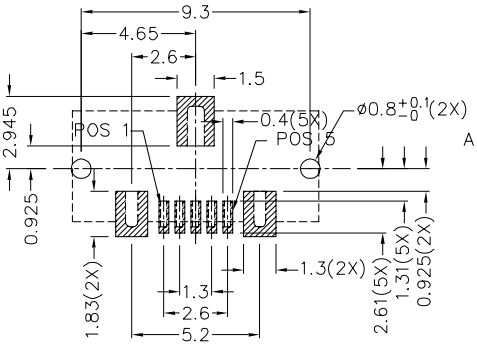
	MATERIAL	PLATING
contact terminals	copper alloy	gold falsh
shell	stainless steel	nickel
insulator	PA10T	black
housing	PA10T	black
cap	PA10T	black
o-ring (OR-10)	silicone	black

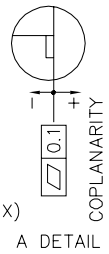


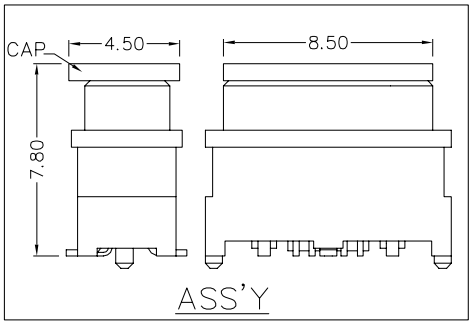






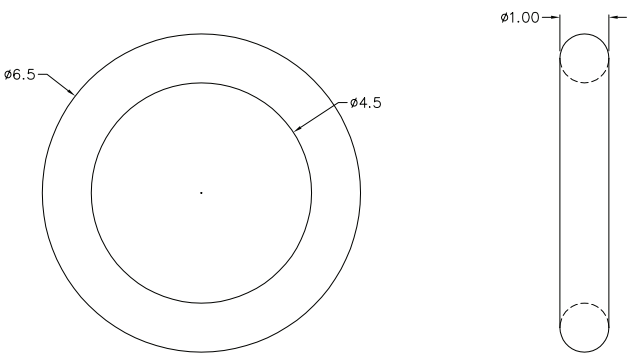




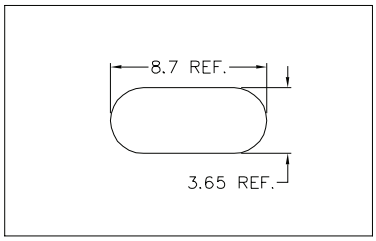


Recommended PCB Layout
Top View

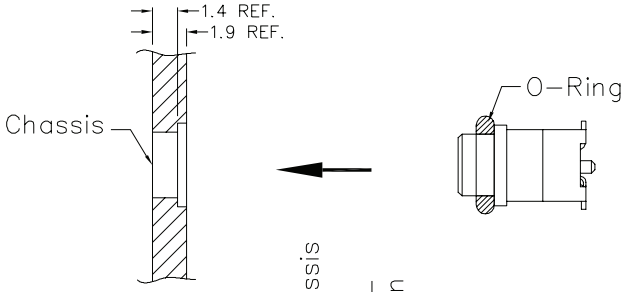
O-ring (P/N: OR-10)

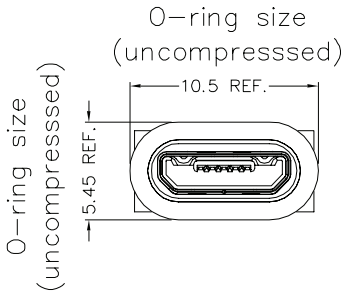


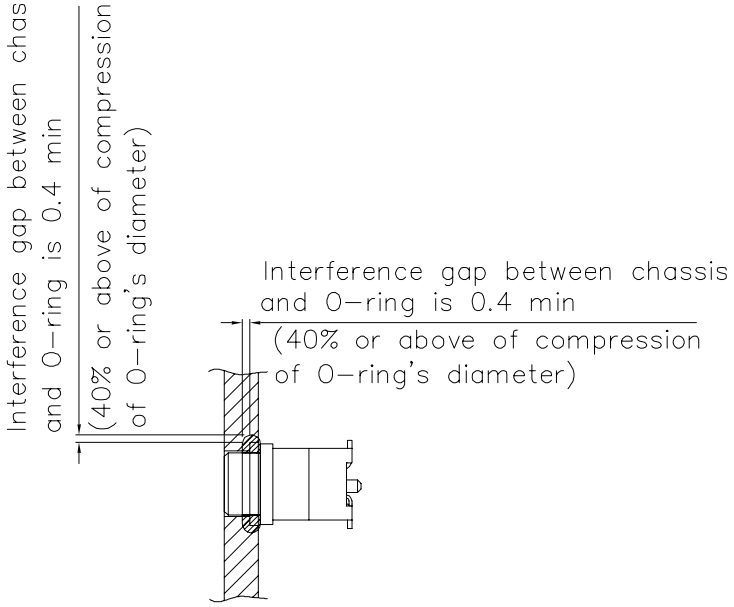
ASSEMBLY REFERENCE



Top View





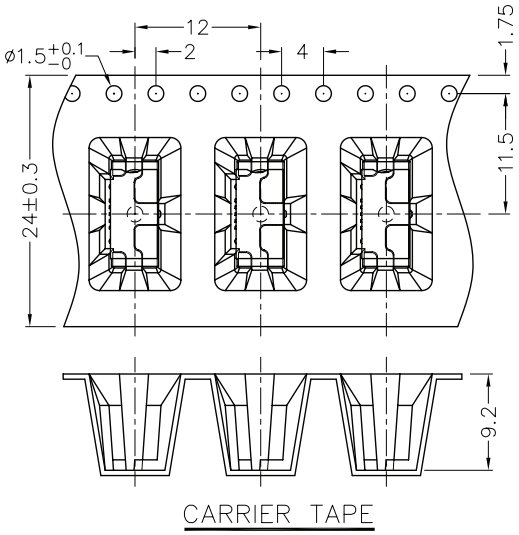


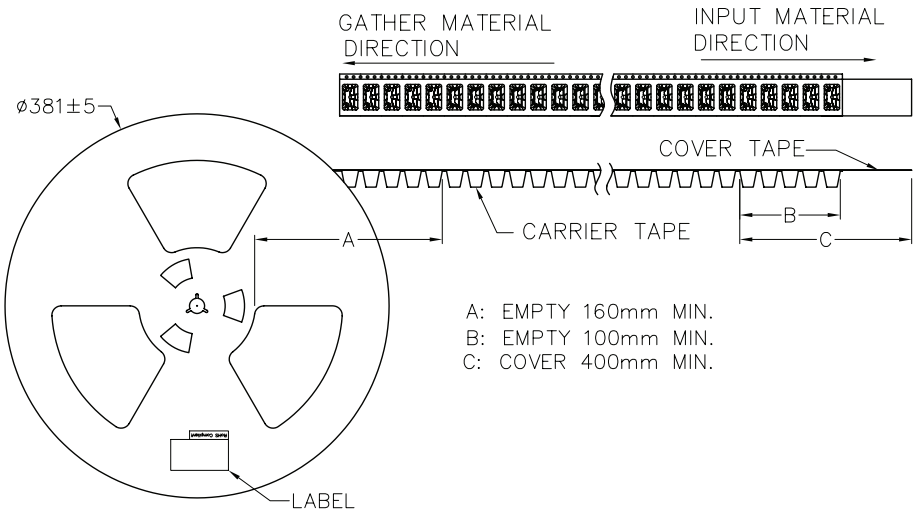
After assembling on chassis

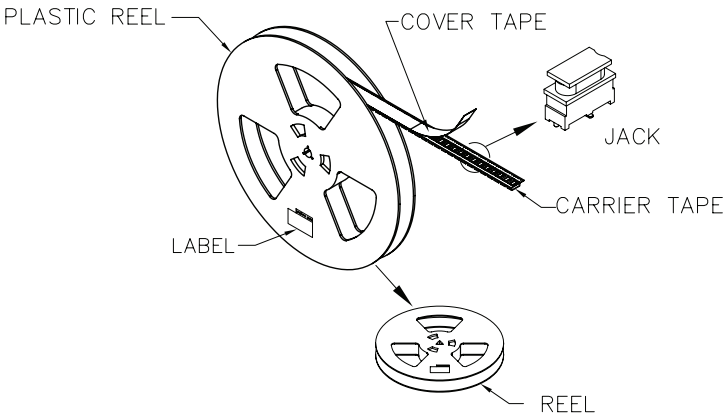
PACKAGING

units: mm

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







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

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CFM-2510B-0130-275 CPI-1375IC-80T PJ-058AH PJ-202AH SJ1-3535N TBL004V-508-02BE-2GY
CMC-5042PF-AC DS01C-254-S-03BE HSE-B20350-NP TBP02P1-381-10BE PJ-047BH
SJ-43516-SMT-TR-PI CMI-9653S-SMT-TR CMM-2718AT-42316-TR CPM-2H PJ-067B CBT-09427-SMT-TR
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SJ-2523-SMT-TR CFM-6015V-239-292-20 CFM-A238BF-270-651 CMA-4544PF-W