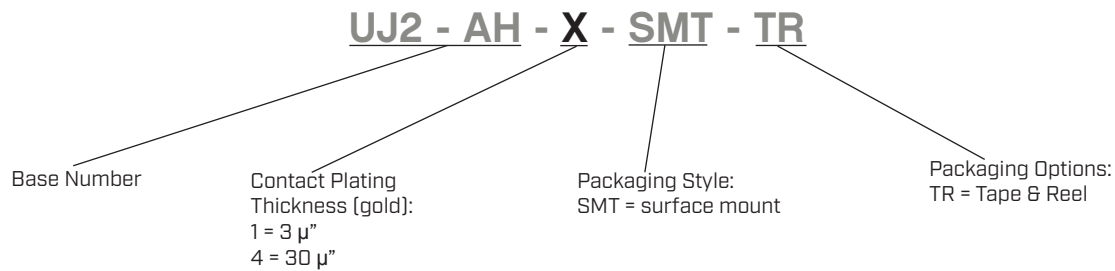


**SERIES:** UJ2-AH-SMT | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB type A jack
- USB 2.0
- horizontal orientation
- surface mount

**PART NUMBER KEY****SPECIFICATIONS**

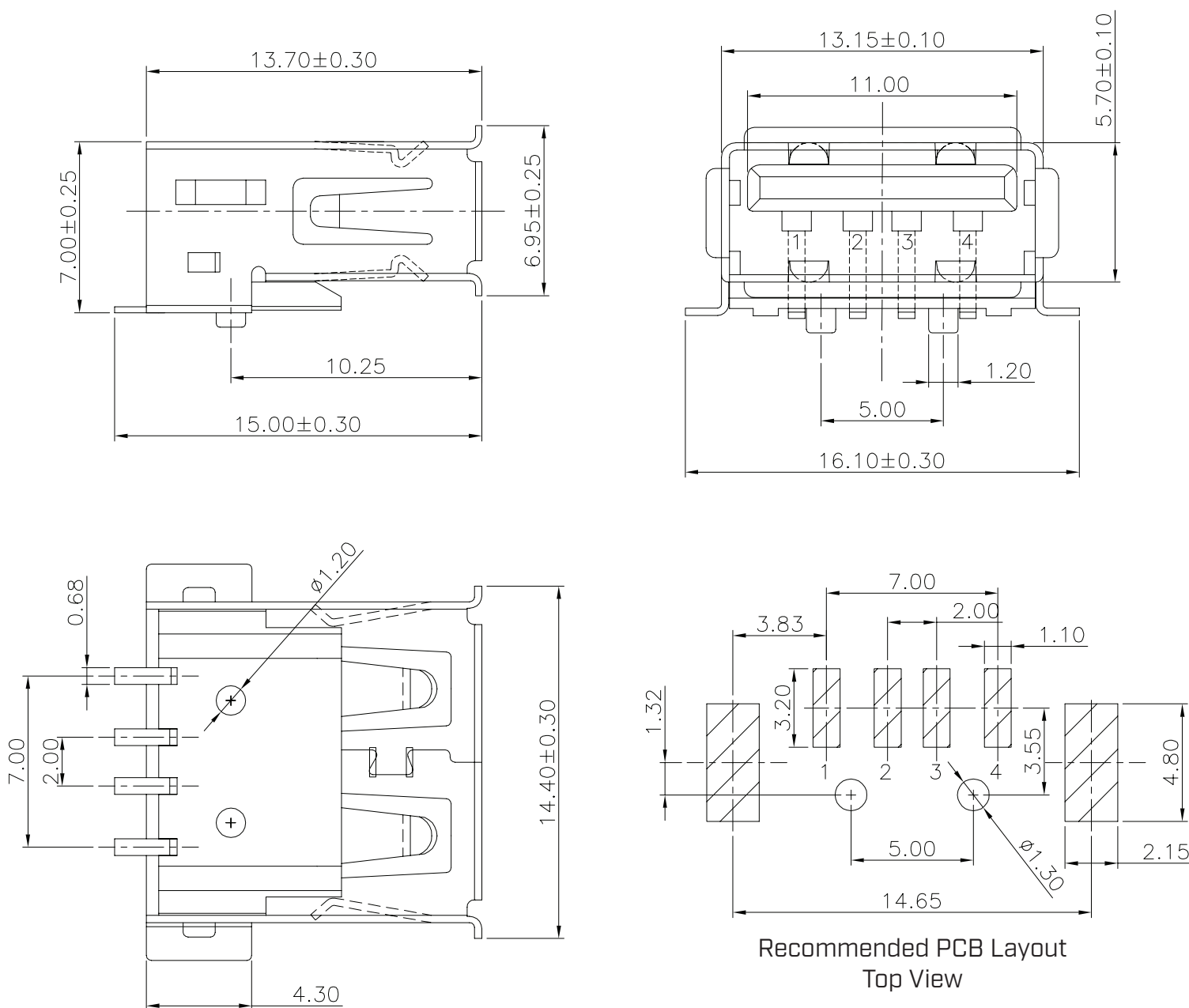
parameter	conditions/description	min	typ	max	units
USB standard	USB 2.0				
rated input voltage				30	Vac
rated input current				1.5	A
contact resistance ¹	between terminals and mating plug			30	m Ω
insulation resistance		1000			M Ω
voltage withstand	for 1 minute			500	Vac
insertion force				35	N
withdrawal force		10			N
operating temperature		-40		85	°C
life			1,500		cycles
flammability rating	UL94V-0				
RoHS	yes				

Note: 1. When measured at 20 mV / 100 mA.
2. All specifications measured at 15-35°C, humidity at 25-85%, under atmospheric pressure of 86-106 kPa, unless otherwise noted.

MECHANICAL DRAWING

units: mm
tolerance:
X ± 0.38 mm
X.X ± 0.30 mm
X.XX ± 0.20 mm
X.XXX ± 0.10 mm
PCB tolerance: ± 0.05 mm
unless otherwise specified

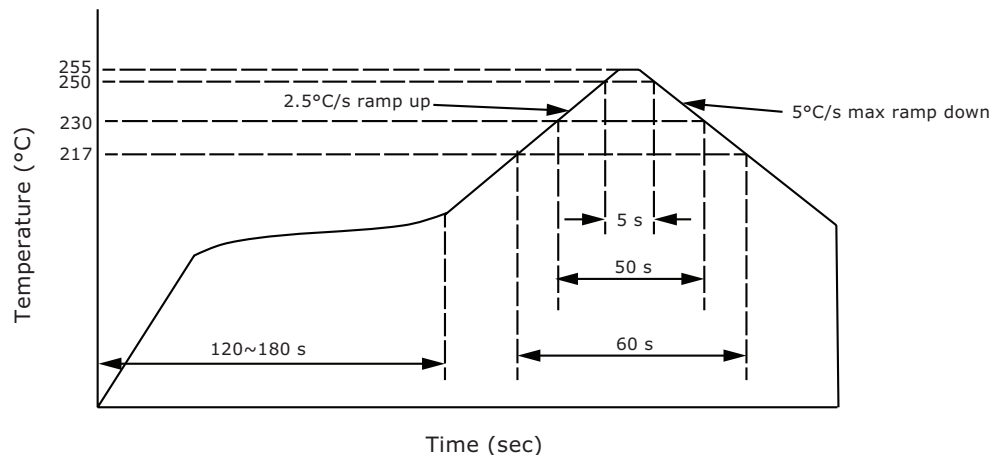
	MATERIAL	PLATING
contact terminals	C2680 t=0.25 mm	contact area: gold over nickel solder area: 80 μ " min. tin over 50 μ " min overall
housing	LCP (UL94V-0)	nickel
shell	C2680 t=0.30	50 μ " min. nickel



SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity 65~70%	25		30	°C
reflow soldering ³	see reflow profile		255	260	°C

Note: 3. It is recommended to reflow solder within 3 months from opening vacuum packaging at a temperature of 25~30°C & relative humidity 65~70%.

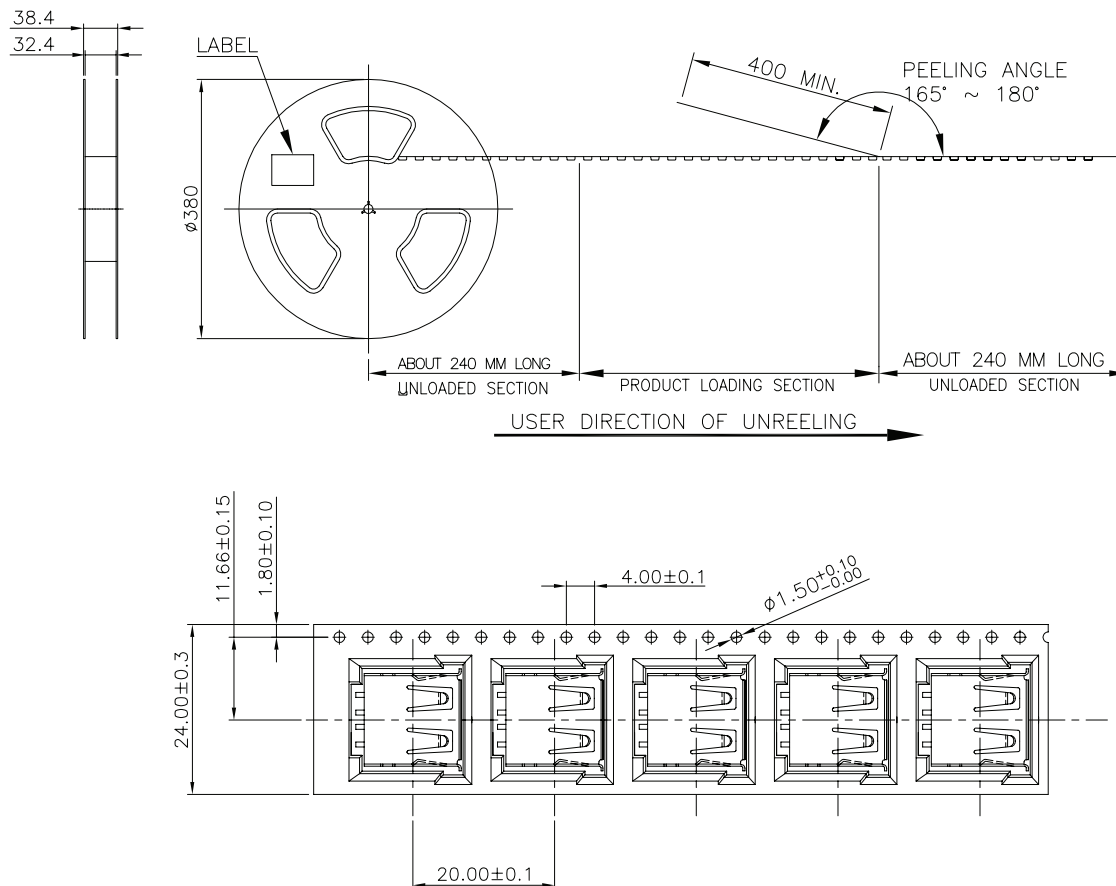


PACKAGING

units: mm

Reel Size: Ø380

Reel QTY: 500 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	08/05/2016
1.01	added tape and reel drawing	10/05/2017
1.02	brand update	02/05/2020
1.03	added USB standard	04/07/2022
1.04	logo, datasheet style update	08/05/2022
1.05	CUI Devices rebranded to Same Sky	09/12/2024
1.06	product reengineered for improved manufacturability and production yield, see PCN for details	07/15/2025

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.

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