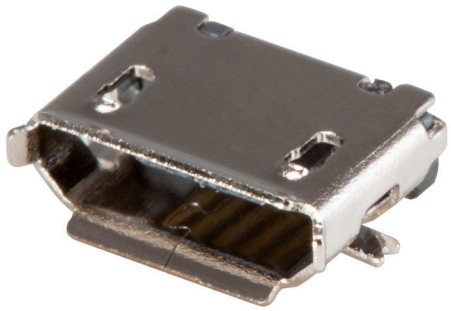
CUI Devices is now Same Sky! Learn More

MODEL: UJ2-MIBH-G-SMT-TR | DESCRIPTION: USB RECEPTACLE

FEATURES

- USB micro B type receptacle
- USB 2.0
- horizontal orientation
- surface mount



RoHS

SPECIFICATIONS

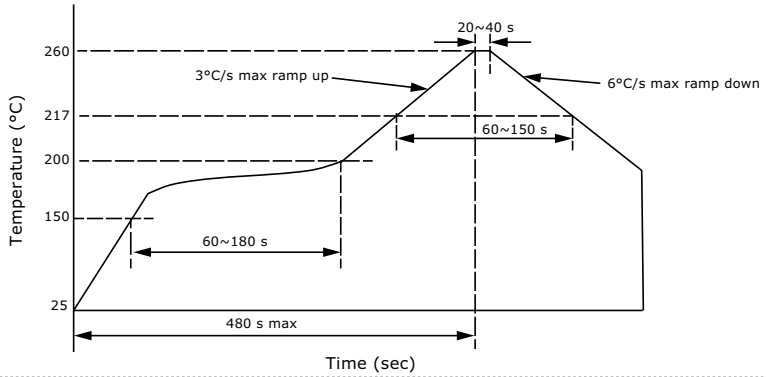
parameter	conditions/description	min	typ	max	units
USB standard	USB 2.0				
rated input voltage				5	Vdc/Vac
rated input current	power contacts (pins 1 & 5) signal contacts (pins 2, 3, 4)			1.8 0.5	A A
contact resistance[1]	between terminals and mating plug			50	mΩ
insulation resistance	at 500 Vdc between adjacent contacts or ground	1,000			MΩ
voltage withstand	for 1 minute between adjacent contacts or ground			100	Vac
insertion force	at a rate of 12.5 mm/min			35	N
withdrawal force	at a rate of 12.5 mm/min	8			N
life			3,000		cycles
operating temperature		-30		85	°C
storage temperature		-40		85	°C
flammability rating	UL94V-0				
RoHS	yes				

Note: 1. When measured at 20 mV max / 100 mA.

SOLDERABILITY

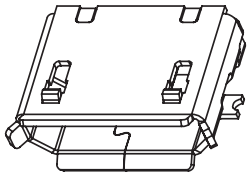
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <95%			25	°C
reflow soldering[2]	as per IPC/JEDECJ-STD-020C (PCB thk: <1.6 mm)		255	260	°C

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

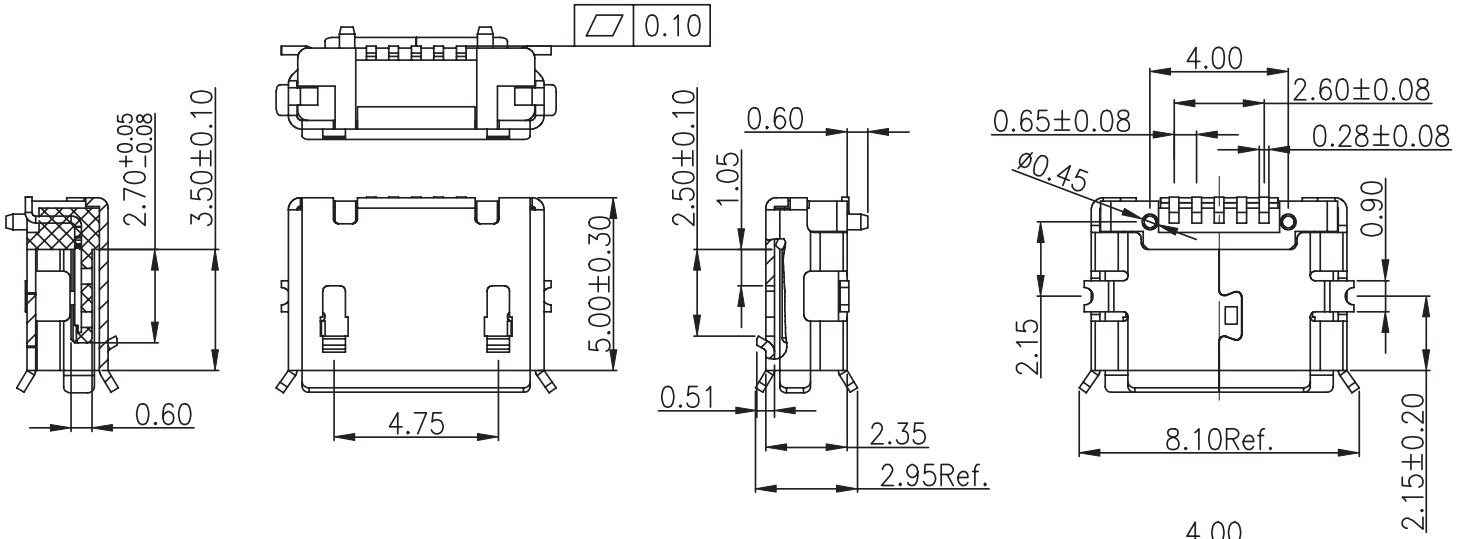


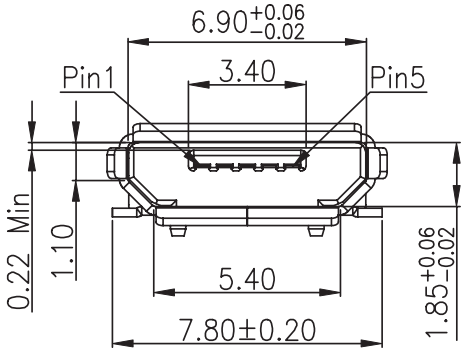
MECHANICAL DRAWING

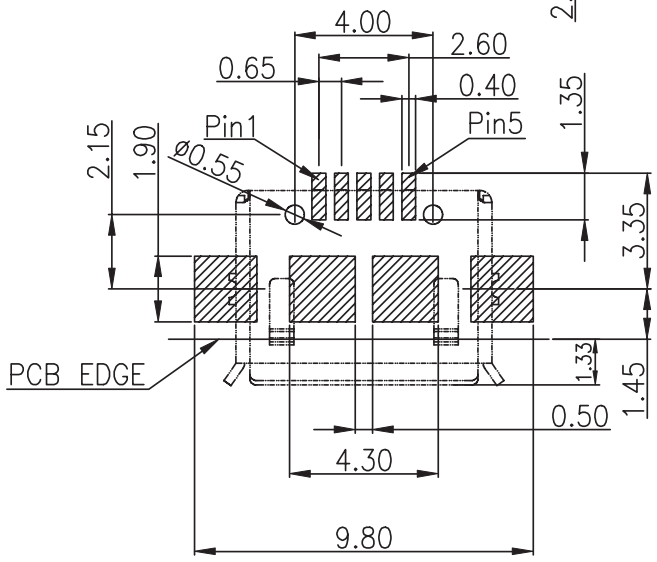
units: mm
tolerance:
X.X ±0.30 mm
X.XX ±0.20 mm



	MATERIAL	PLATING
housing	LCP (UL94V-0)	black
shell	copper alloy	nickel
contact	copper alloy	contact: gold all over: nickel





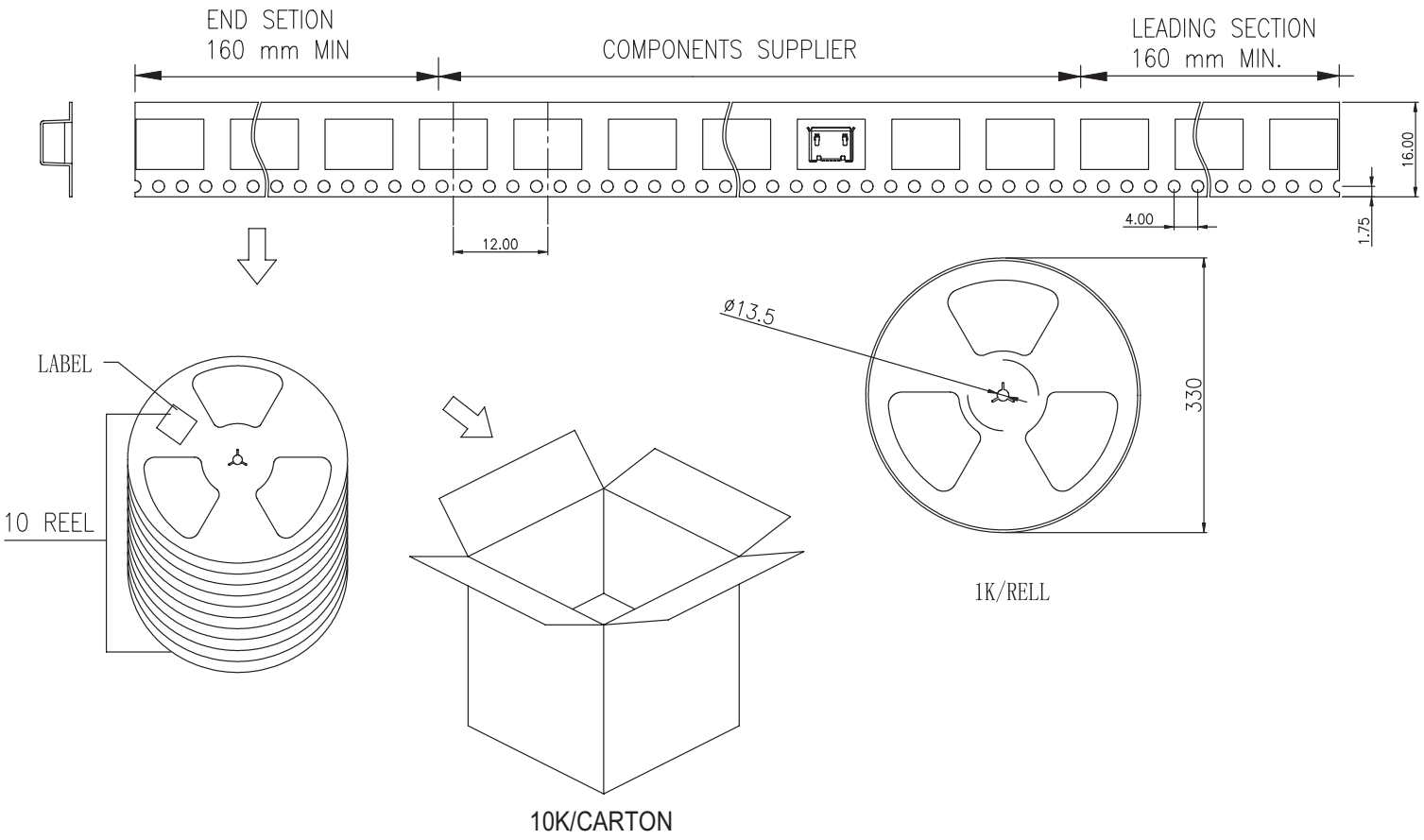


Recommended PCB Layout
Top View

PACKAGING

units: mm

Reel Size: Ø330 mm
Reel QTY: 1,000 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	12/11/2020
1.01	added USB standard	04/07/2022
1.02	logo, datasheet style update	08/05/2022
1.03	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

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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