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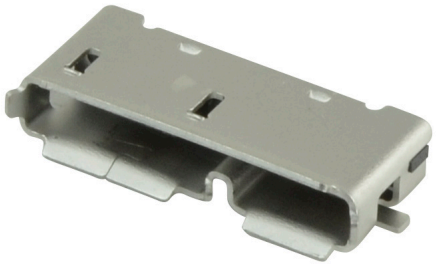
MODEL: UJ3-MIABH-1-SMT | DESCRIPTION: USB RECEPTACLE

FEATURES

- USB micro AB type jack
- horizontal orientation
- surface mount
- USB 3.2 Gen 1



RoHS

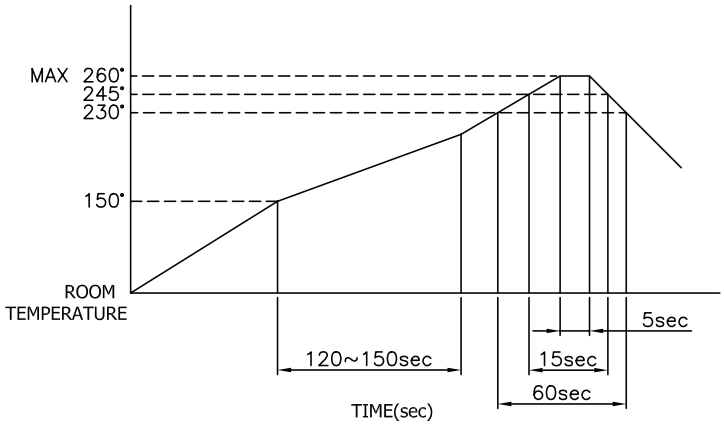
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
USB standard	USB 3.2 Gen 1				
rated input voltage				30	Vac
rated input current				1.8	A
contact resistance[2]	between terminals and mating plug			30	mΩ
insulation resistance		100			MΩ
voltage withstand	for 1 minute			100	Vac
insertion force				35	N
withdrawal force		7			N
operating temperature		-55		85	°C
life			10,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

Note:
1. Add suffix "-TR" to the model for tape and reel packaging.
2. When measured at 20 mV / 100 mA.
3. All specifications measured at 15~35°C, humidity at 25~85%, under atmospheric pressure of 86~106 kPa, unless otherwise noted.

SOLDERABILITY

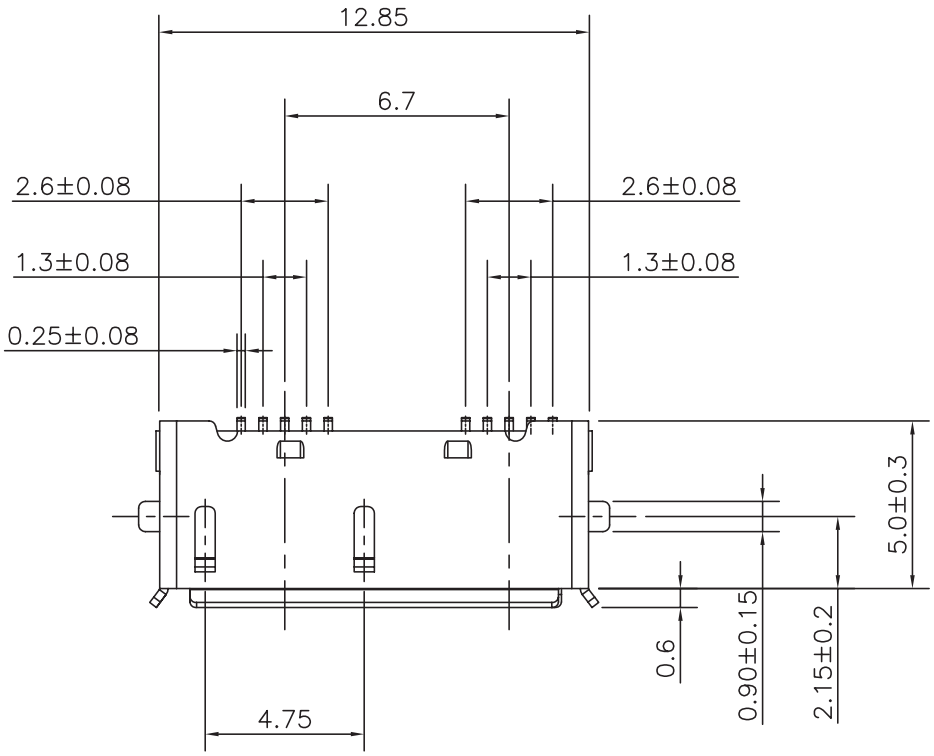
parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile			260	°C

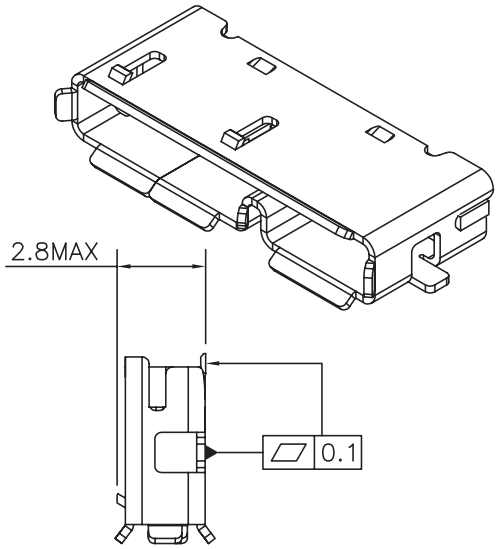


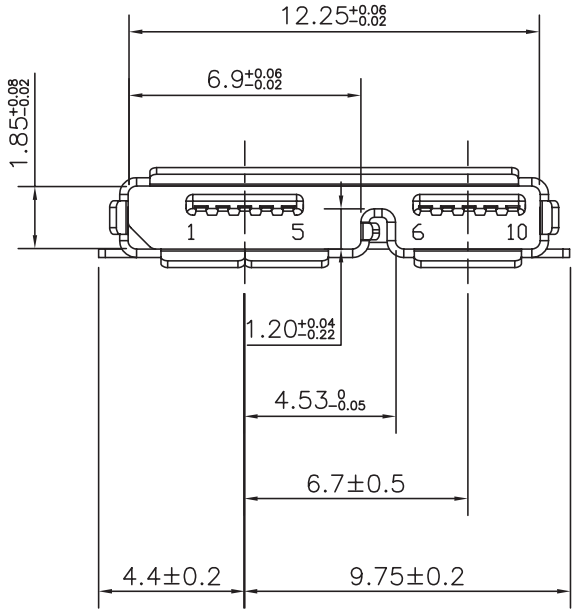
MECHANICAL DRAWING

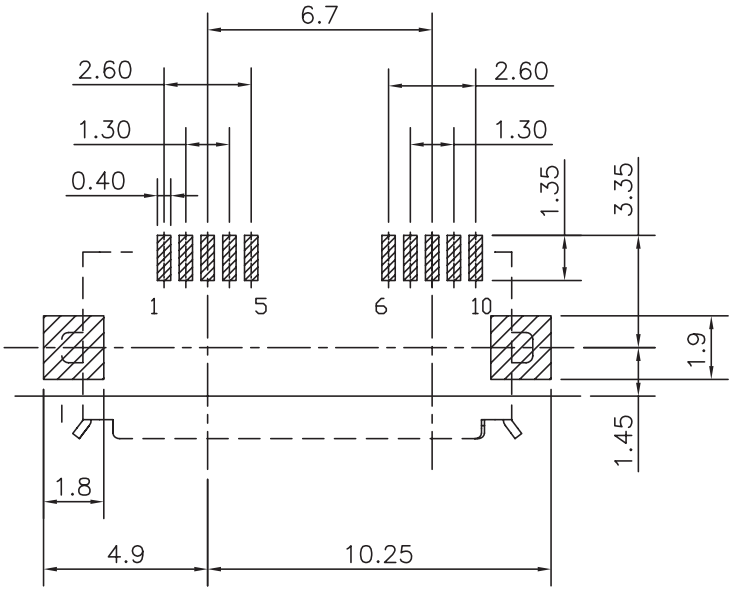
units: mm
tolerance:
X.X ±0.38 mm
X.XX ±0.25 mm

	MATERIAL	PLATING
contact terminals	phosphor bronze	contact: 3 µ" gold over nickel solder: tin over nickel
shield	brass	matte tin
insulator	LCP (black)	







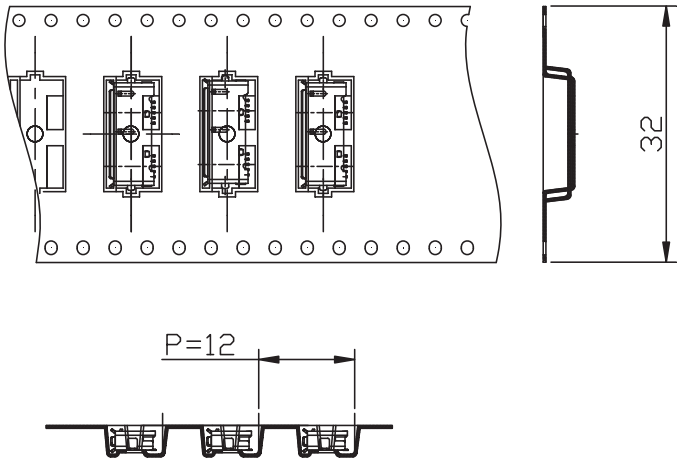


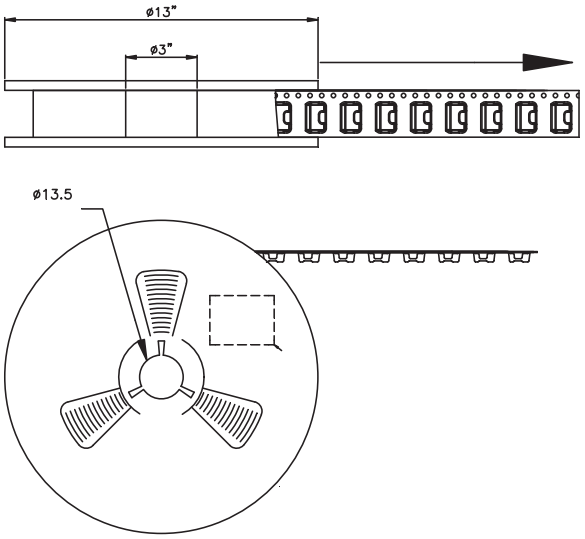
Recommended PCB Layout
Top View

PACKAGING

units: mm

Reel Size: Ø13”
Reel QTY: 1,600 pcs per reel





REVISION HISTORY

rev.	description	date
1.0	initial release	08/05/2016
1.01	brand update	02/05/2020
1.02	updated USB standard	04/06/2022
1.03	updated drawing	06/01/2022
1.04	logo, datasheet style update	08/05/2022
1.05	CUI Devices rebranded to Same Sky	09/12/2024

The revision history provided is for informational purposes only and is believed to be accurate.

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

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