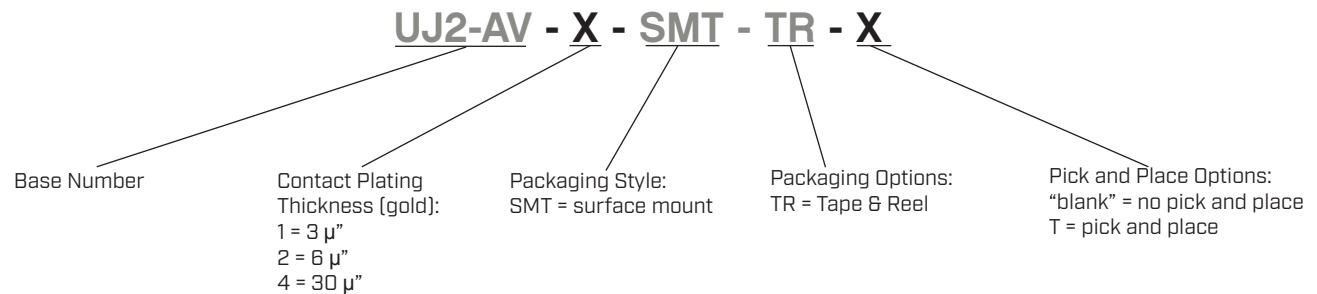


SERIES: UJ2-AV-SMT-TR | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB type A jack
- USB 2.0
- vertical 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				1.0	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				

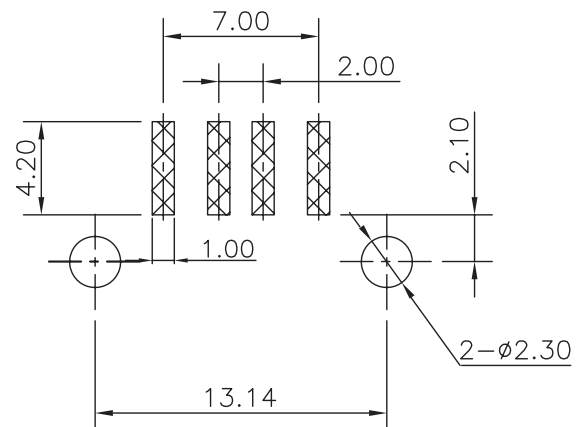
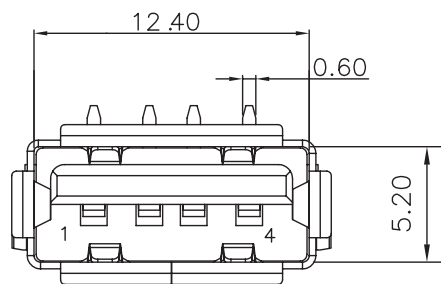
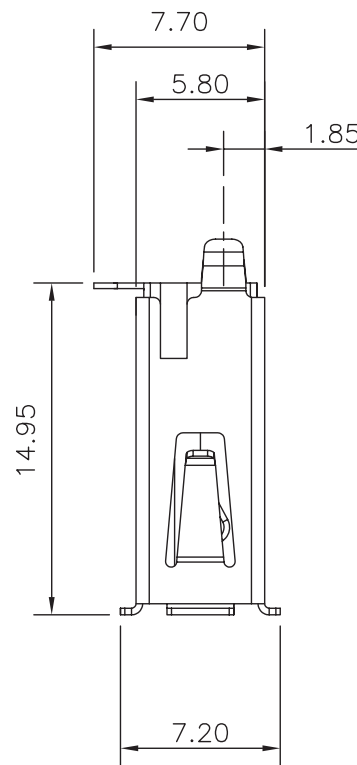
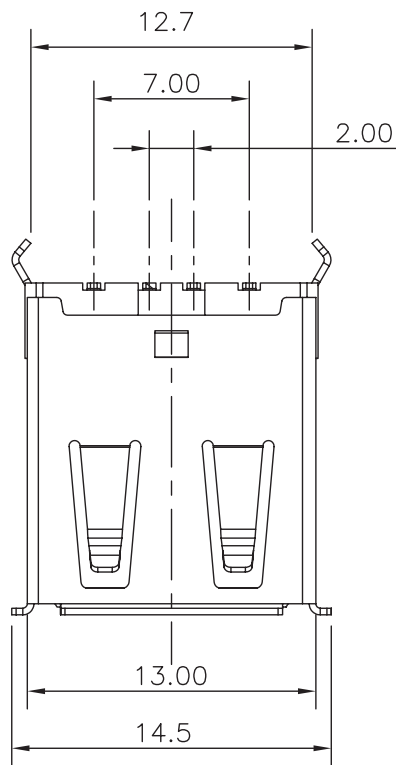
Note: 1. When measured at 20 mV / 100 mA.

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.X ± 0.38 mm
X.XX ± 0.25 mm

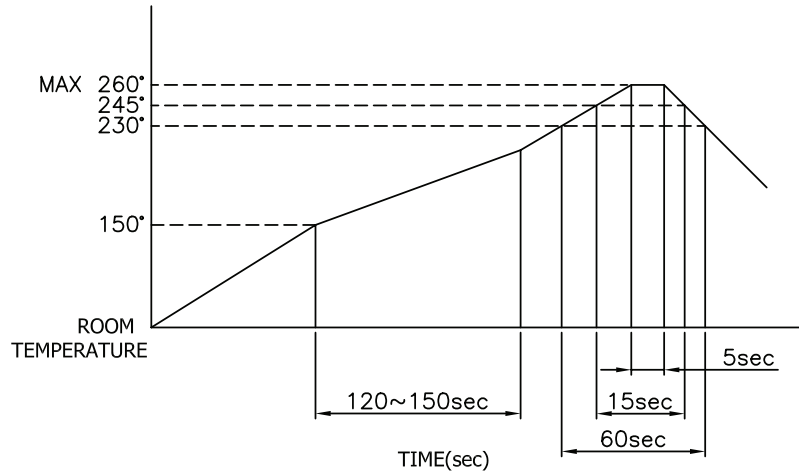
	MATERIAL	PLATING
contact terminals	phosphor bronze	contact: gold over nickel solder: tin over nickel
shield	steel	nickel
insulator	FR52 (black)	



Recommended PCB Layout
Top View

SOLDERABILITY

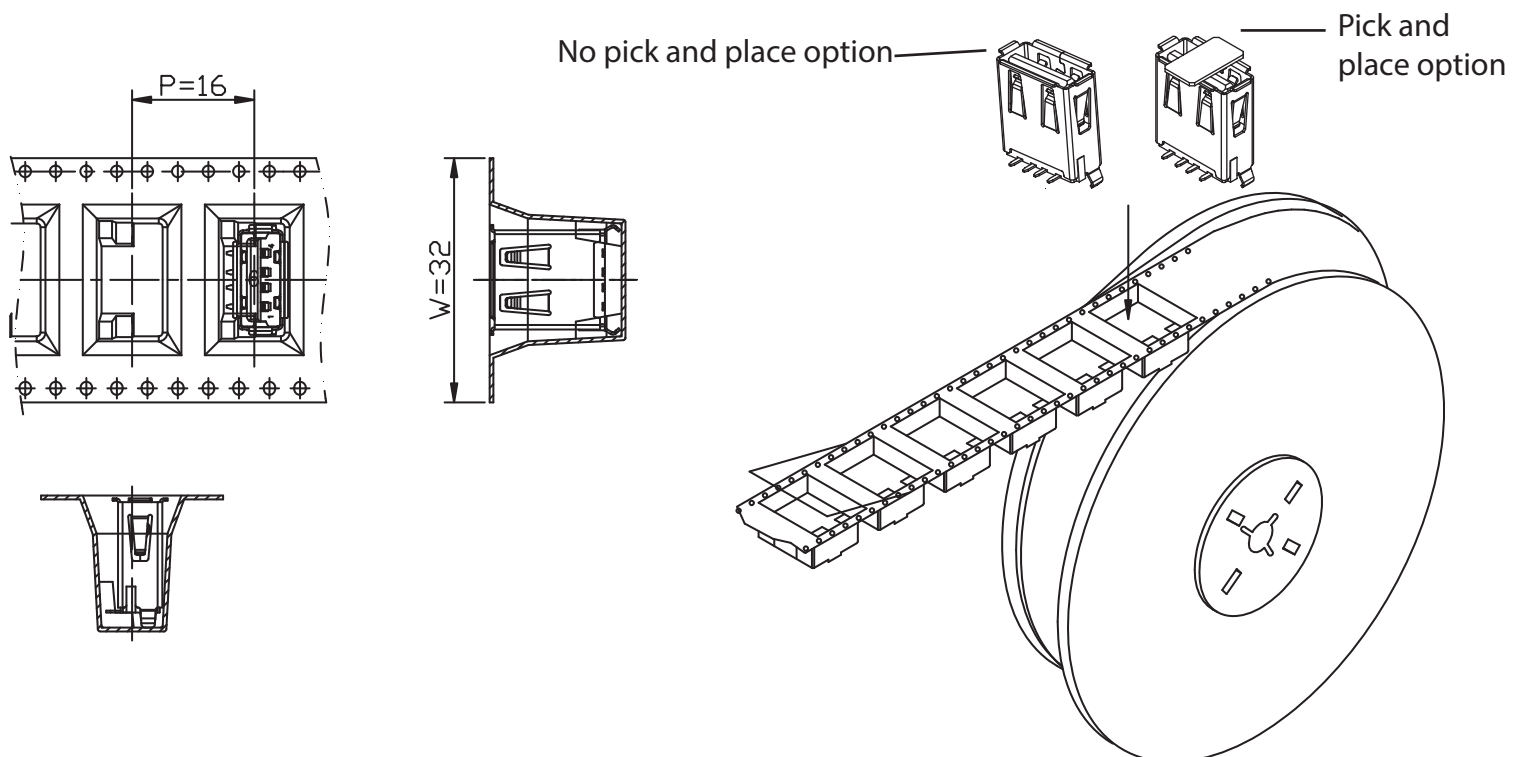
parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile			260	°C



PACKAGING

units: mm

Reel Size: Ø330
Reel QTY: 240 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	08/05/2016
1.01	updated the shield plating to nickel	01/26/2017
1.02	added tape and reel packaging details, updated drawing	12/06/2017
1.03	updated packaging	05/21/2019
1.04	updated operating temperature range	08/06/2019
1.05	brand update	02/05/2020
1.06	added pick and place option to packaging	02/23/2021
1.07	added USB standard	04/20/2022
1.08	logo, datasheet style update	08/05/2022

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



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

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