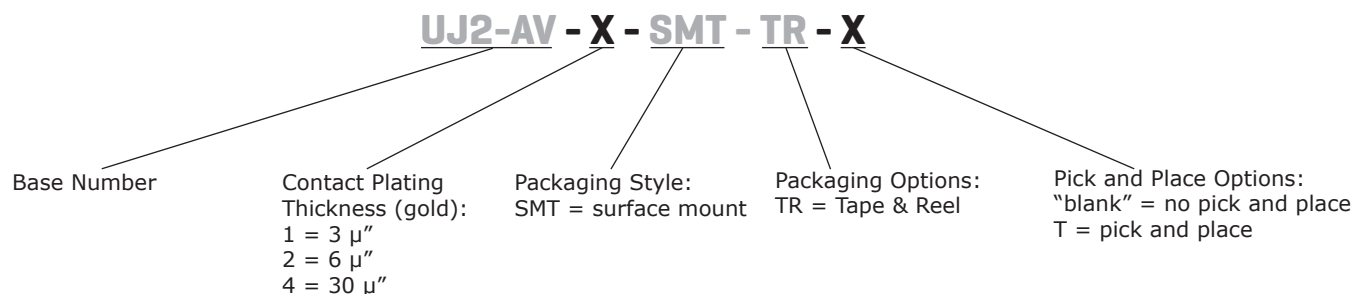


SERIES: UJ2-AV-SMT | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB type A jack
- vertical orientation
- surface mount

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

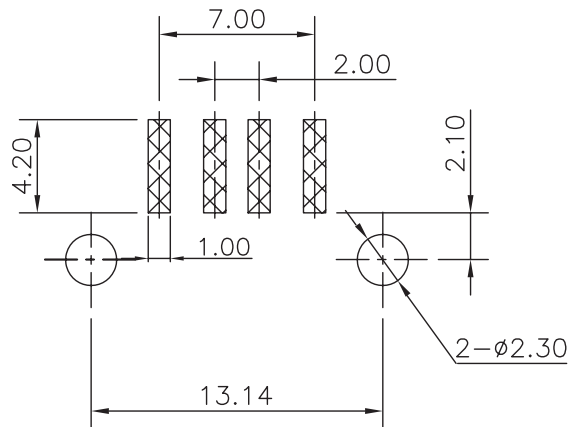
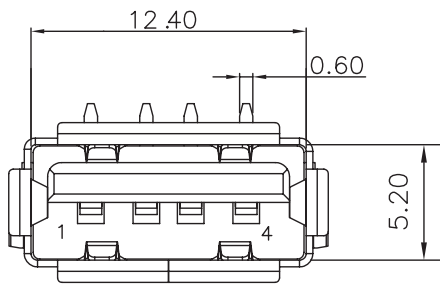
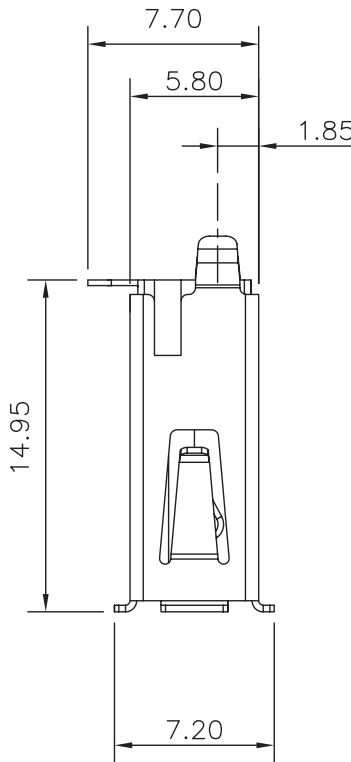
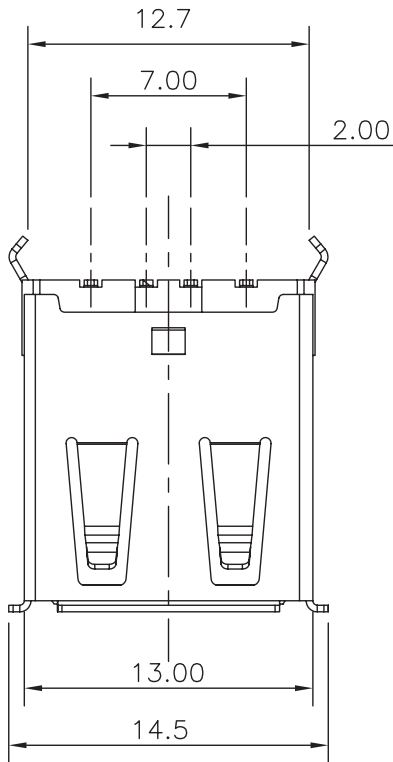
parameter	conditions/description	min	typ	max	units
rated input voltage				30	Vac
rated input current				1.0	A
contact resistance ¹	between terminals and mating plug			30	mΩ
insulation resistance		1000			MΩ
voltage withstand	for 1 minute			500	Vac
insertion force				35	N
withdrawal force		10			N
operating 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

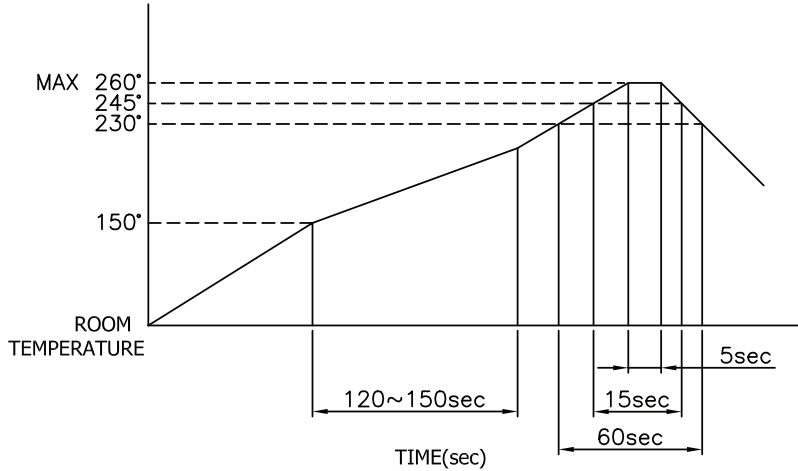
	MATERIAL	PLATING
contact terminals	phosphor bronze	contact: gold over nickel solder: tin over nickel
shield	steel	nickel
insulator	FR52 (black)	



Recommended PCB Layout
 Top View

SOLDERABILITY

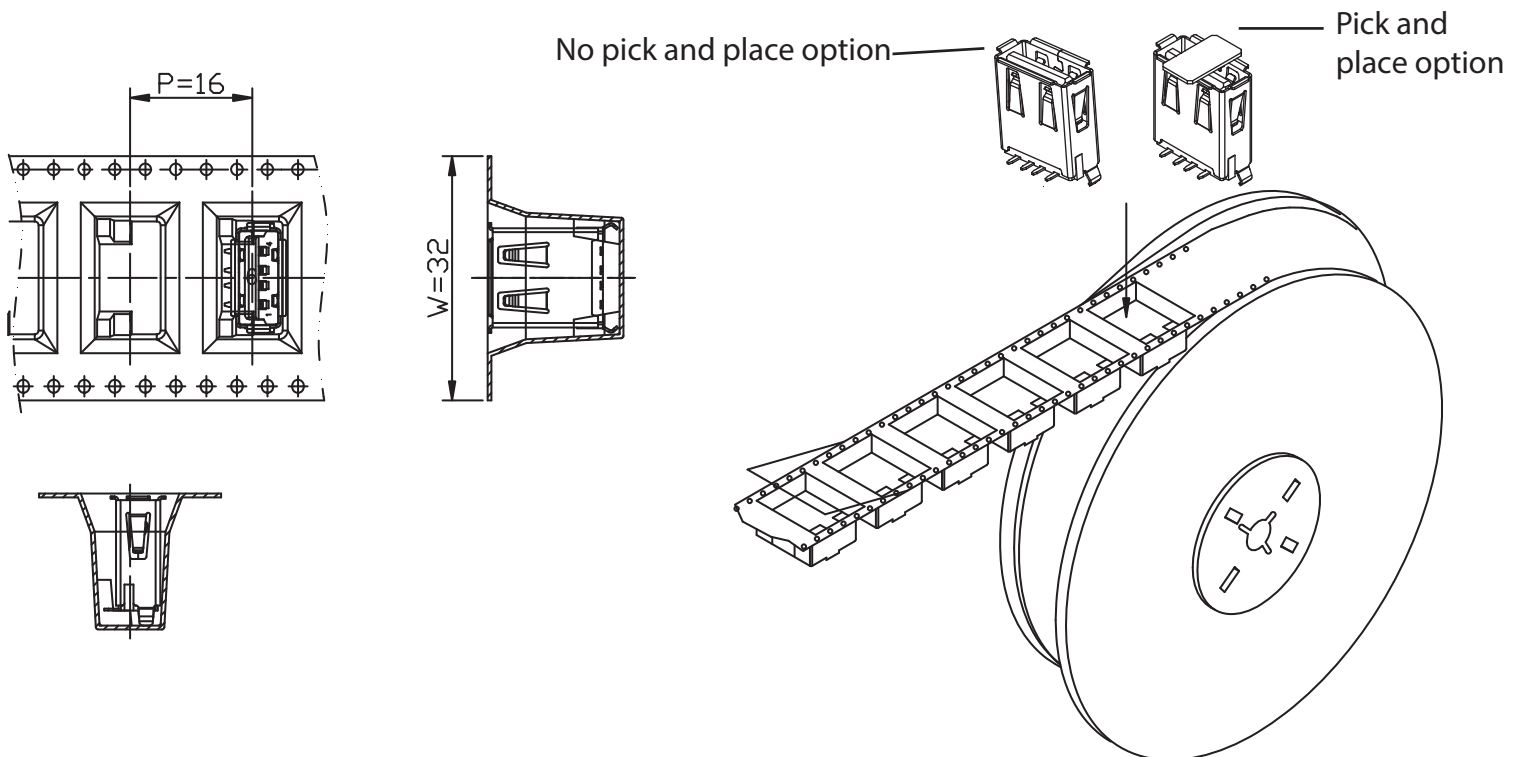
parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile			260	°C



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

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

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

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CUI Devices 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.