CUI INC®

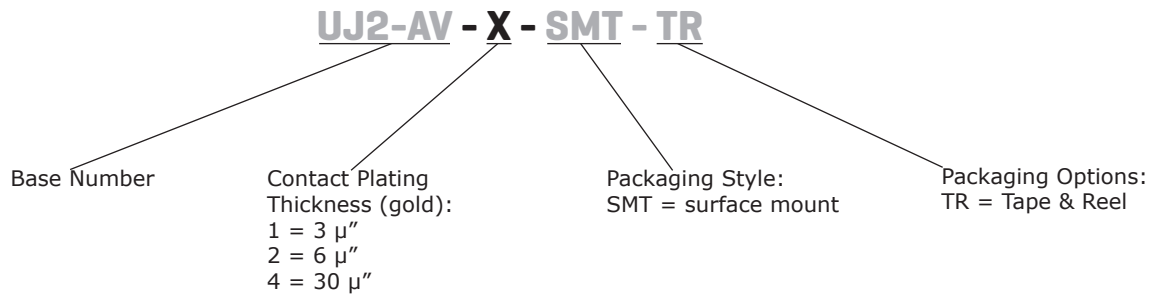**SERIES:** UJ2-AV-SMT │ **DESCRIPTION:** USB JACK

FEATURES

- USB type A jack
- vertical orientation
- surface mount

RoHS

PART NUMBER KEY

**UJ2-AV - X - SMT - TR**

Base Number

Contact Plating
Thickness (gold):
1 = 3 µ"
2 = 6 µ"
4 = 30 µ"

Packaging Style:
SMT = surface mount

Packaging Options:
TR = Tape & Reel

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		-20		85	°C
life			1,500		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

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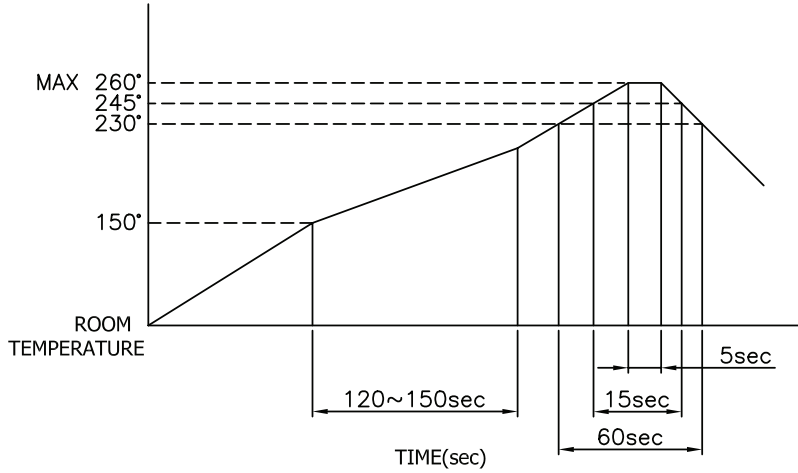tolerance:
X.X ±0.38 mm
X.XX ±0.25 mm

	MATERIAL	PLATING
contact terminals	phosphor bronze	contact: gold over nickel solder: tin over nickel
shield	steel	tin
insulator	FR52 (black)	
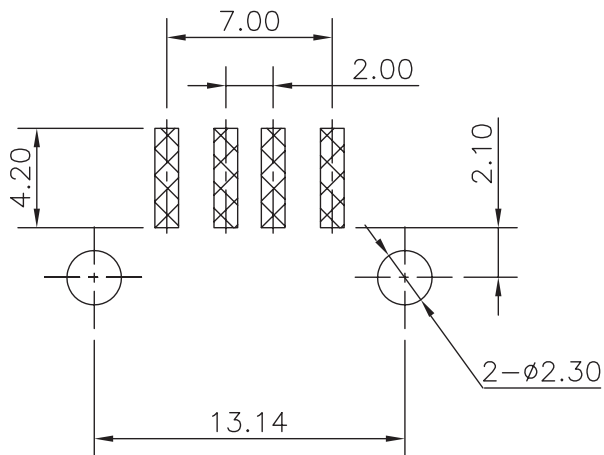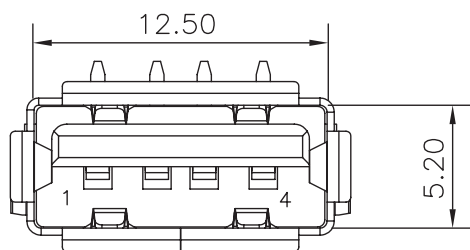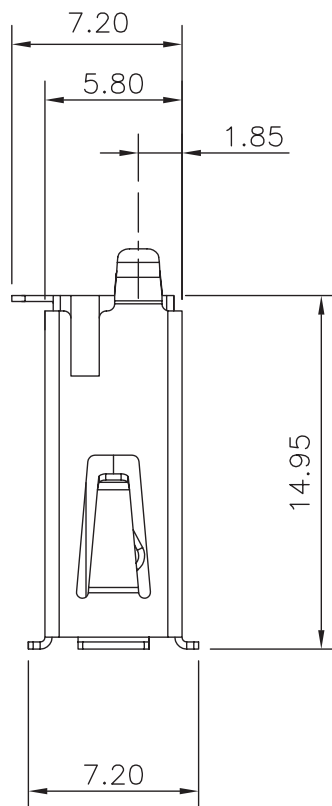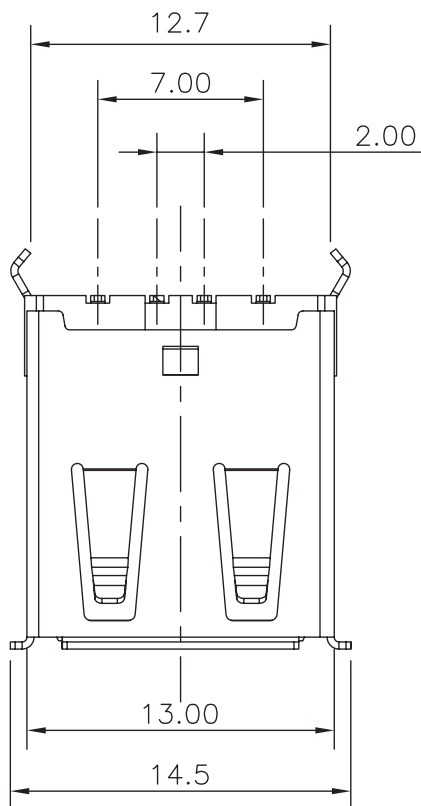
Recommended PCB Layout
Top View

SOLDERABILITY

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

REVISION HISTORY

rev.	description	date
1.0	initial release	08/05/2016

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