

08/05/2016

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SERIES: UJ2-AV-TH **DESCRIPTION: USB JACK** 

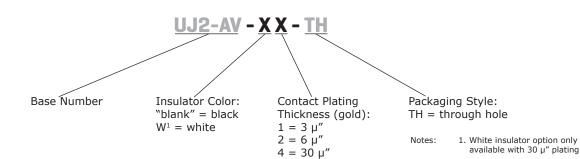
#### **FEATURES**

- USB type A jack
- · vertical orientation
- through hole mounting





### **PART NUMBER KEY**



#### **SPECIFICATIONS**

narameter	conditions/description	min	tun	max	units
parameter	conditions/ description	111111	typ	IIIax	uiiits
rated input voltage				30	Vac
rated input current				1.0	А
contact resistance <sup>1</sup>	between terminals and mating plug			30	$m\Omega$
insulation resistance		1000			МΩ
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:

When measured at 20 mV / 100 mA.
All specifications measured at 15~35°C, humidity at 25~85%, under atmospheric pressure of 86~106 kPa, unless otherwise noted.

#### **SOLDERABILITY**

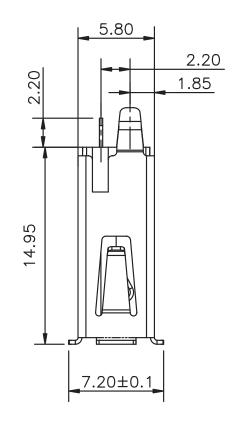
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for $5 \pm 0.5$ seconds		240		°C

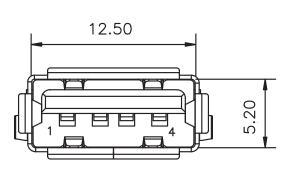
# **MECHANICAL DRAWING**

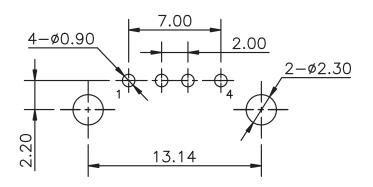
units: mm tolerance:  $X.X \pm 0.38 \text{ mm}$  $X.XX \pm 0.25 mm$ 

15.00±0.3	
12.5	
7.00	2.00
13.00	
14.50±0.1	
1	

	MATERIAL	PLATING
contact terminals	phosphor bronze	contact: gold over nickel solder: tin over nickel
shield	steel	nickel
insulator	PBT	







Recommended PCB Layout Top View

## **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.



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