## **CUI** DEVICES

date 02/05/2020

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SERIES: UJ2-BH-TH **DESCRIPTION: USB RECEPTACLE** 

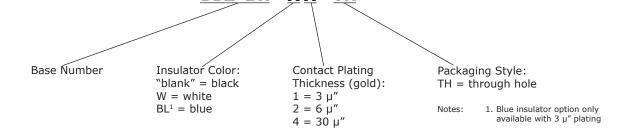
#### **FEATURES**

- USB type B jack
- horizontal orientation
- through hole mounting
- insulator color options





## **PART NUMBER KEY**



#### **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage				30	Vac
rated input current				1.0	А
contact resistance <sup>1</sup>	between terminals and mating plug			30	mΩ
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	yes				

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.

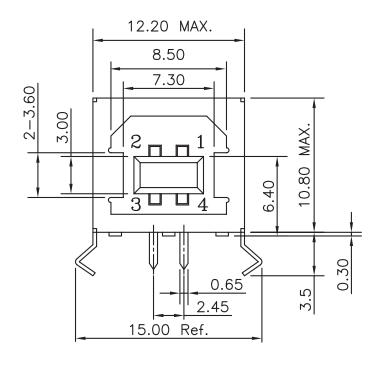
## **SOLDERABILITY**

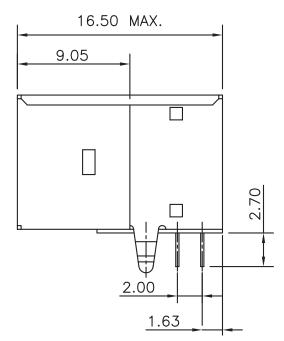
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 $\pm$ 0.5 seconds		240		°C

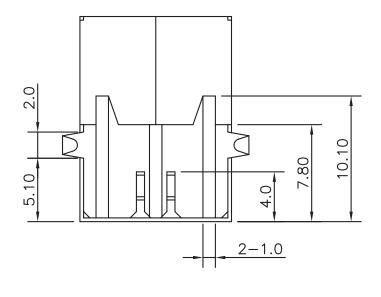
## **MECHANICAL DRAWING**

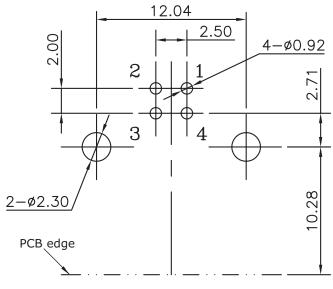
units: mm tolerance: X.X ±0.38 mm X.XX ±0.25 mm

	MATERIAL	PLATING
contact terminals	phosphor bronze	contact: gold over nickel solder: tin over nickel
shield	brass	nickel
insulator <sup>1</sup>	PBT	









Recommended PCB Layout Top View

Additional Resources: Product Page | 3D Model | PCB Footprint

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#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	08/05/2016
1.01	brand update	02/05/2020

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

# **CUI** DEVICES

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