

date 08/05/2016

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MODEL: UJ2-BV-1-TH | DESCRIPTION: USB JACK

#### **FEATURES**

- USB type B jack
- vertical orientation
- through hole mounting





## **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	2011/65/EU				

Note:

# **SOLDERABILITY**

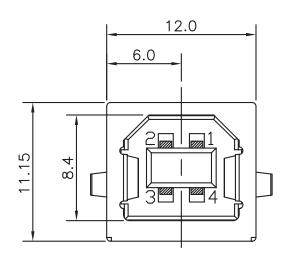
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for $5 \pm 0.5$ seconds	240			°C

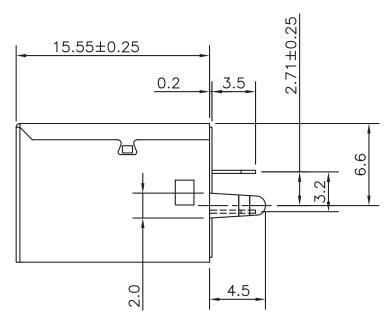
When measured at 20 mV / 100 mA.
All specifications measured at 15~35°C, humidity at 25~85%, under atmospheric pressure of 86~106 kPa, unless otherwise noted.

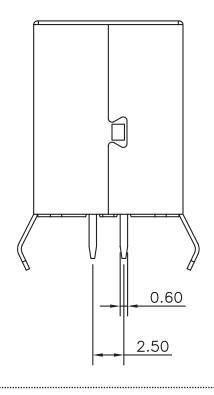
# **MECHANICAL DRAWING**

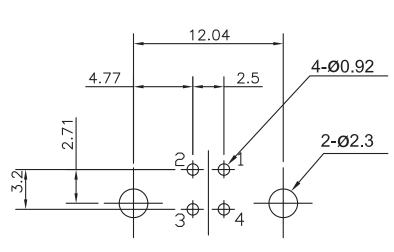
units: mm tolerance: X.X ±0.38 mm X.XX ±0.25 mm

	MATERIAL	PLATING
contact terminals	phosphor bronze	contact: 3 µ" gold over nickel solder: tin over nickel
shield	brass	nickel
insulator	PBT (black)	









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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