

# MODEL: UJ2-B-HR-G-V | DESCRIPTION: USB RECEPTACLE

#### **FEATURES**

- USB Type B receptacle
- board lock
- USB 2.0



.....

## **SPECIFICATIONS**

			5	Vdc
rated input current contact resistance <sup>1</sup> between terminals and mating plug insulation resistance between adjacent contacts 10			5	Vdc
contact resistance1between terminals and mating pluginsulation resistancebetween adjacent contacts10				Vuu
insulation resistance between adjacent contacts 10			1.5	А
			30	mΩ
voltage withstand between adjacent contacts 51	00			MΩ
	00			Vac
insertion force			35	N
withdrawal force 1	0			N
life		1,500		cycles
operating temperature -4	40		85	°C
flammability rating UL94V-0				
RoHS yes				

Note:

.....

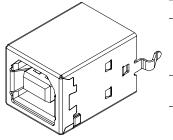
When measured at 20 mV / 100 mA.
All specifications measured at 10-35°C, humidity at 45-85%, under standard atmospheric pressure, unless otherwise noted.

### **SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
wave soldering	for 3-7 seconds	255	265	275	°C

# **MECHANICAL DRAWING**

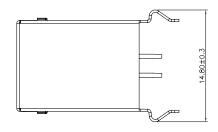
units: mm tolerance: X. ±0.50 mm X.X ±0.30 mm X.XX ±0.20 mm X.XXX ±0.10 mm unless otherwise specified

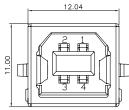


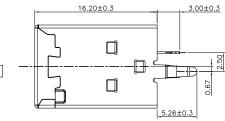
DESCRIPTION	MATERIAL	PLATING/COLOR
insulator	PBT + 30% GF	black
contact	C2680 copper alloy	contact area: gold flash solder area: tin over nickel
shell	SPCC t=0.3 mm	nickel

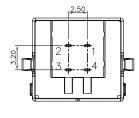
PIN CONNECTIONS				
PIN	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE	
1	Veus	power	SECOND	
2	۵-	USB 2.0	THIRD	
З	D+	DIFFERENTIAL PAIR	טאורו	
4	GND	ground for power return	SECOND	
SHELL	SHIELD	metal shell	FIRST	

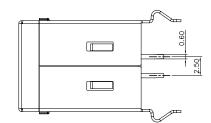
.....

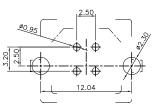












Recommended PCB Layout Top View

.....

#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	08/23/2023

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

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



CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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.