CUI Devices is now Same Sky! Learn More

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

FEATURES

- USB type B jack
- USB 2.0
- horizontal orientation
- through hole mounting
- insulator color options



RoHS

PART NUMBER KEY

UJ2-BH - X X - TH

- Base Number
- Insulator Color:
  "blank" = black
  W = white
  BL[1] = blue
- Contact Plating Thickness (gold):
  1 = 3 µ"
  2 = 6 µ"
  4 = 30 µ"
- Packaging Style:
  TH = through hole

Notes: 1. Blue insulator option only available with 3 µ" plating

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
USB standard	USB 2.0				
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		7			N
operating temperature		-20		85	°C
life			1,500		cycles
flammability rating	UL94V-0				
RoHS	yes				

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.

SOLDERABILITY

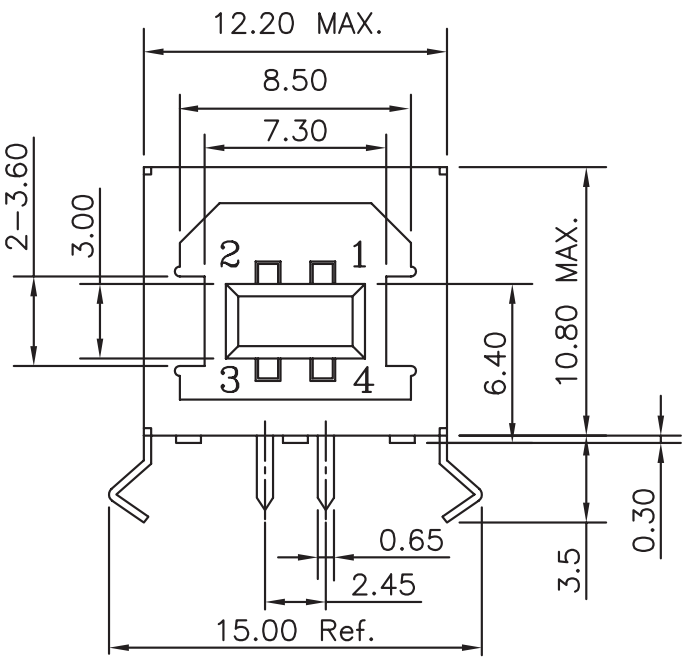
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds		240		°C

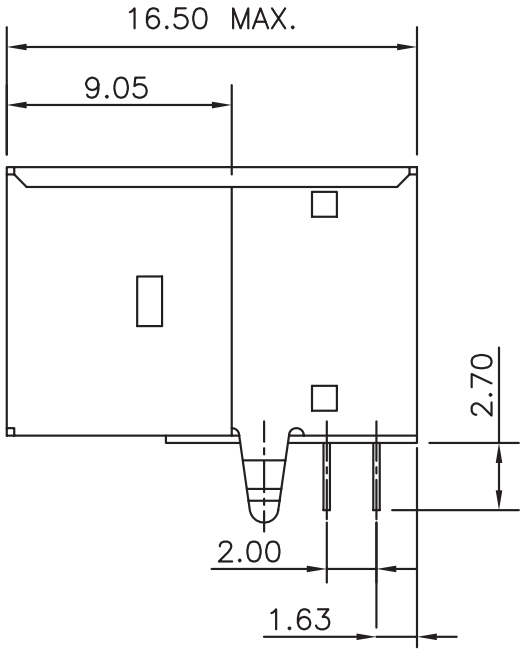
MECHANICAL DRAWING

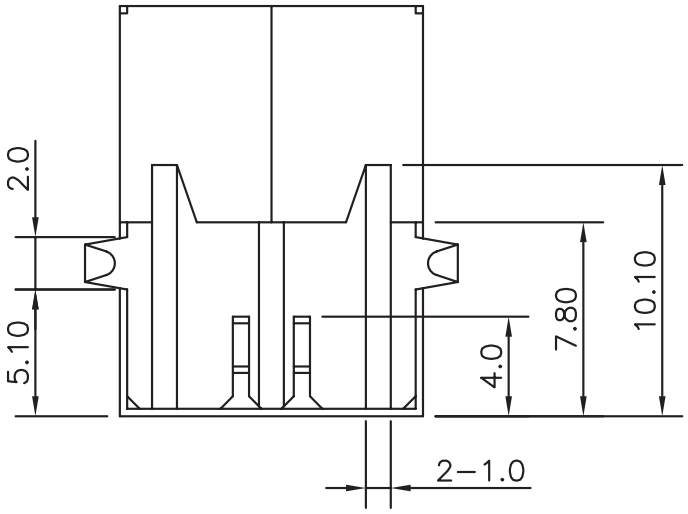
units: mm
tolerance:
X.X ±0.38 mm
X.XX ±0.25 mm

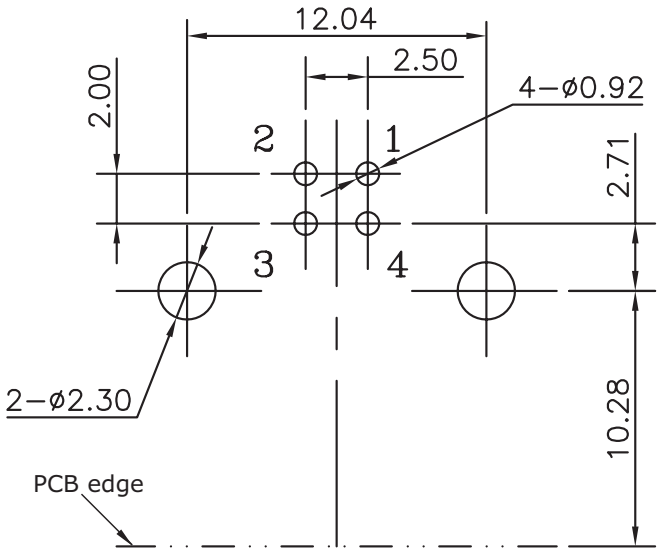
	MATERIAL	PLATING
contact terminals	phosphor bronze	contact: gold over nickel solder: tin over nickel
shield	brass	nickel
insulator[1]	PBT	

Note 1. White insulator with 6 µ" gold plating option is FR52.









Recommended PCB Layout
Top View

REVISION HISTORY

rev.	description	date
1.0	initial release	08/05/2016
1.01	brand update	02/05/2020
1.02	added USB standard	04/07/2022
1.03	logo, datasheet style update	08/05/2022
1.04	CUI Devices rebranded to Same Sky	09/12/2024
1.05	modified tooling	02/25/2026

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

same sky

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