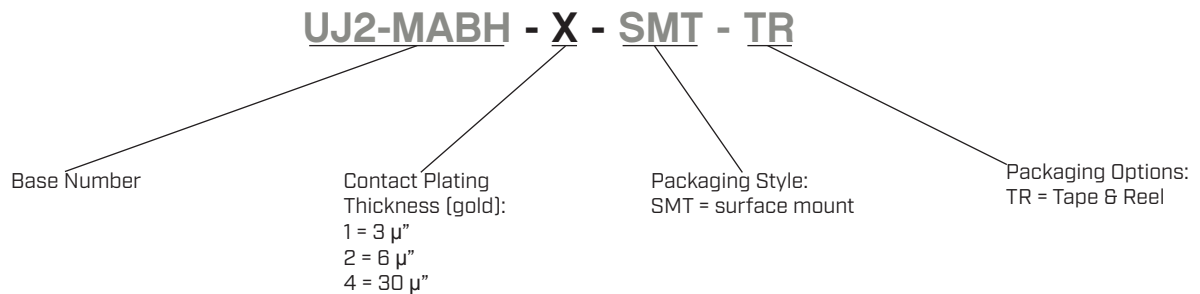


**SERIES:** UJ2-MABH-SMT | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB mini AB type jack
- USB 2.0
- horizontal orientation
- surface mount

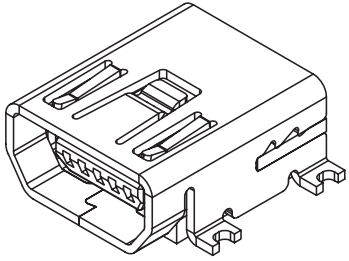
**PART NUMBER KEY****SPECIFICATIONS**

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 <sup>1</sup>	between terminals and mating plug			50	m $\Omega$
insulation resistance		100			M $\Omega$
voltage withstand	for 1 minute			100	Vac
insertion force				35	N
withdrawal force		7			N
operating temperature		-20		85	$^{\circ}$ C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

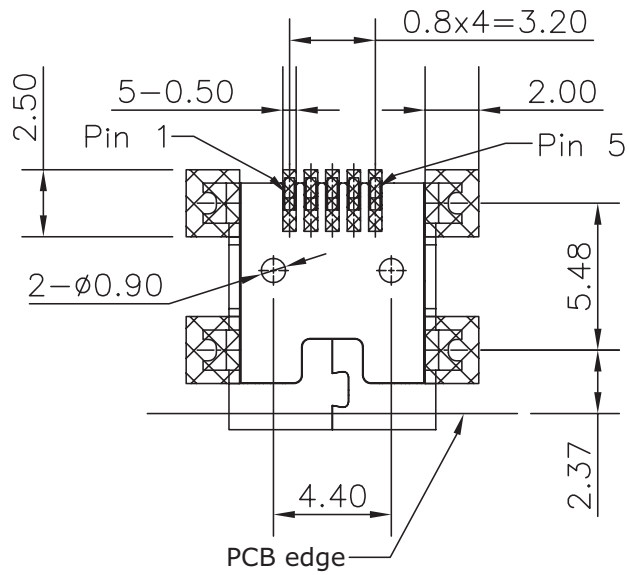
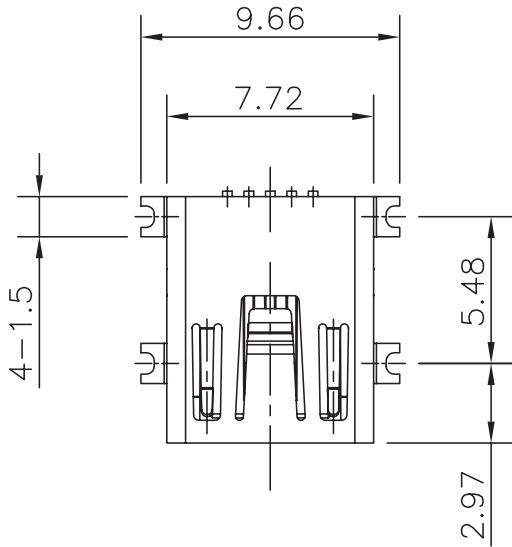
Note: 1. When measured at 20 mV / 100 mA.  
2. All specifications measured at 15-35 $^{\circ}$ C, humidity at 25-85%, under atmospheric pressure of 86-106 kPa, unless otherwise noted.

## MECHANICAL DRAWING

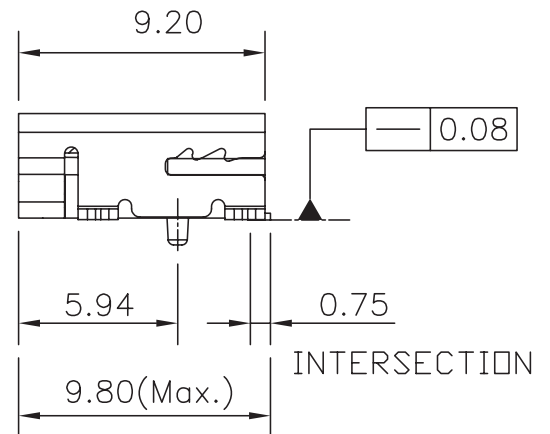
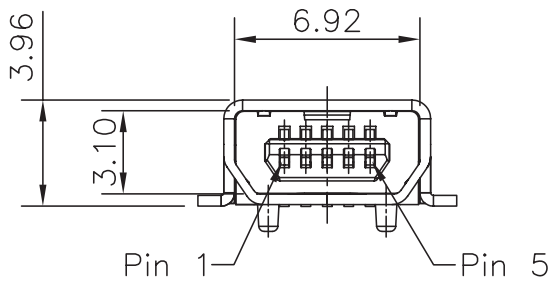
units: mm  
 tolerance:  
 X.X ±0.38 mm  
 X.XX ±0.25 mm



	MATERIAL	PLATING
contact terminals	phosphor bronze	contact: gold over nickel solder: tin over nickel
shield	steel	matte tin
insulator	FR52 (black)	

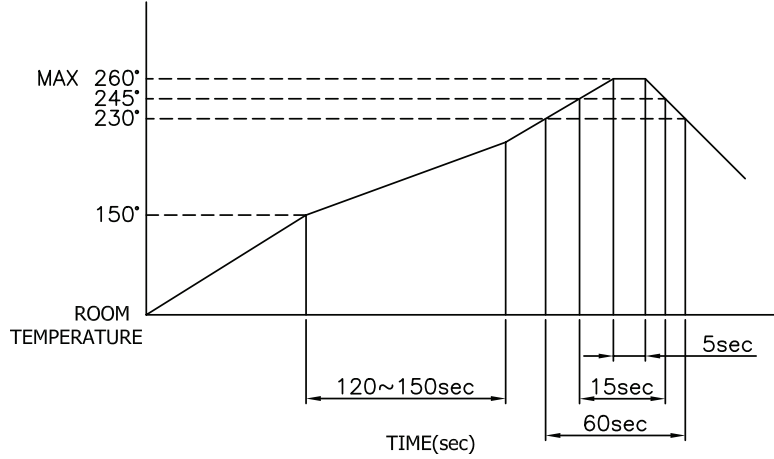


Recommended PCB Layout  
Top View



## SOLDERABILITY

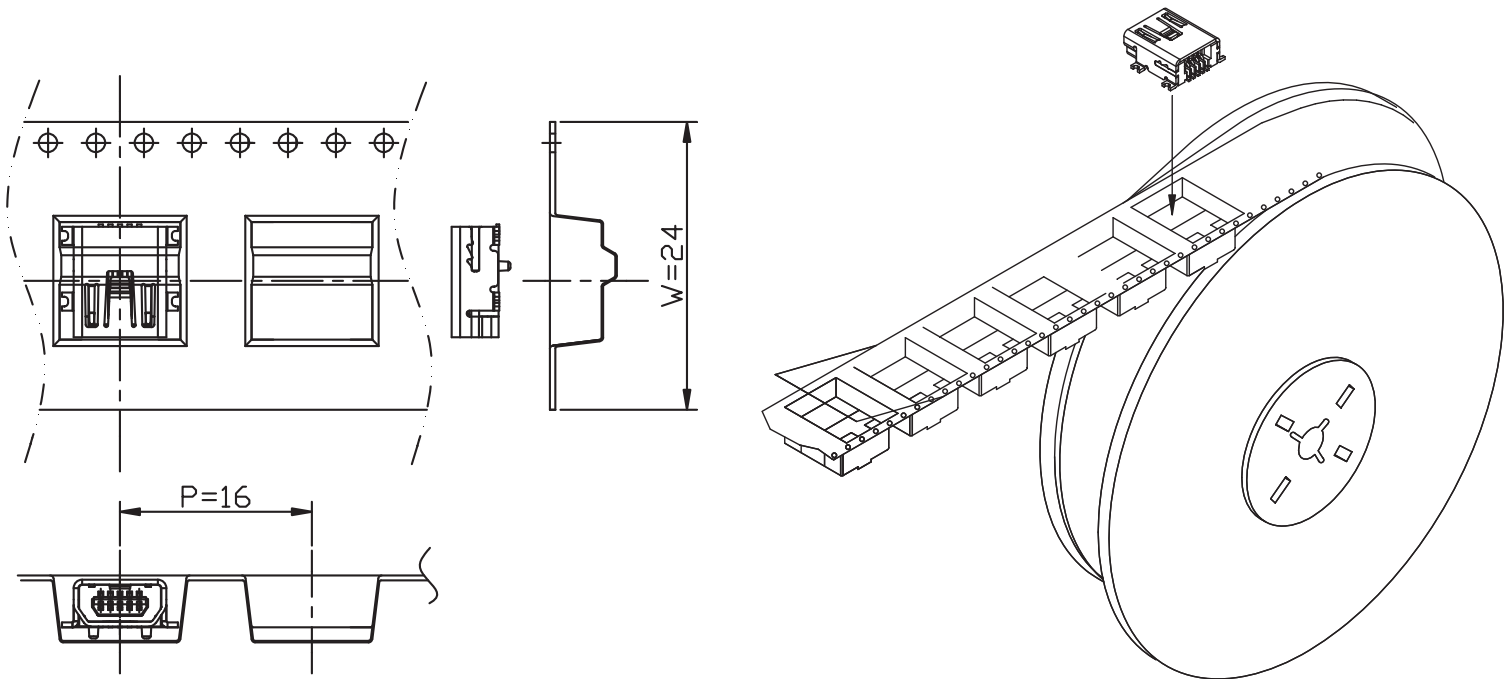
parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile			260	°C



## PACKAGING

units: mm

Reel Size: Ø13"  
Reel QTY: 750 pcs per reel



## 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

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.

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