

MODEL: UJC-HP-3-SMT-TR | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB Type C receptacle
- mates with standard USB Type C plugs
- designed for power only applications
- 6-pin
- reflow solder compatible
- tape & reel packaging

**SPECIFICATIONS**

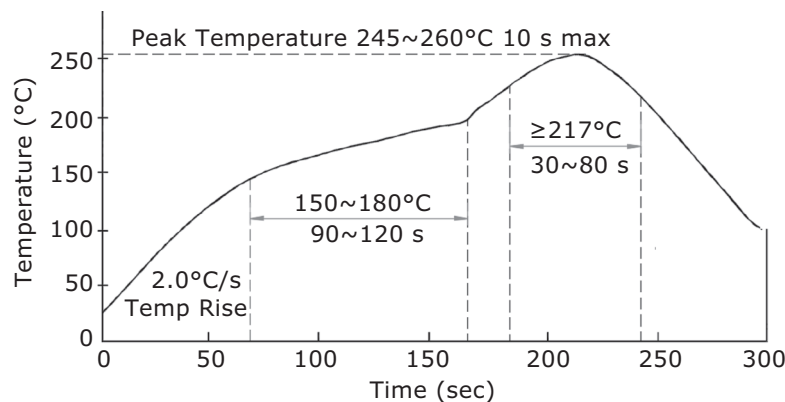
parameter	conditions/description	min	typ	max	units
rated input voltage				20	Vdc
rated input current	power/GND pins collectively (A9, A12, B9, B12)			3	A
	power/GND pins individually (A9, A12, B9, B12)			1.5	A
	all other pins			0.25	A
contact resistance ¹				30	mΩ
insulation resistance	at 100 Vdc for 1 minute between adjacent contacts	100			MΩ
voltage withstand	for 1 minute between adjacent contacts			100	Vac
insertion force	at a rate of 30 cycles/min	5		20	N
withdrawal force	at a rate of 30 cycles/min	8		20	N
life	at a rate of 500 max cycles per hour		10,000		cycles
operating temperature		-40		80	°C
flammability rating	UL94V-0				
RoHS	yes				

Note: 1. When measured at 20 mV / 100 mA max.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <60%			30	°C
reflow soldering ²	see reflow profile			260	°C

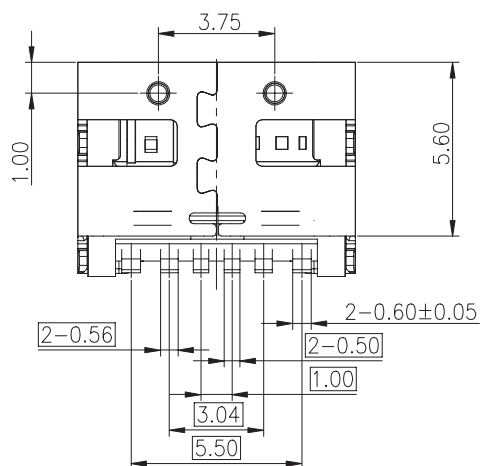
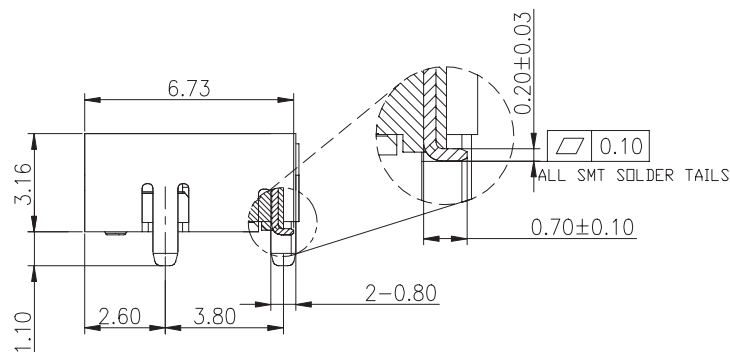
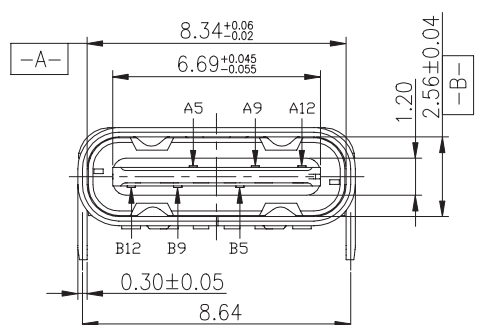
Note: 2. It is recommended to reflow solder within 168 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.



units: mm
tolerance:
X.X ± 0.30 mm
X.XX ± 0.20 mm
X.XXX ± 0.10 mm
PCB: ± 0.05 mm
PCB thickness: 0.8 mm

mm
mm
mm
s: 0.8 mm

Technical drawing of the 10-pin connector. The drawing includes a top view and a side view. The top view shows a rectangular footprint with a central circular feature. Dimensions include a width of 8.94 mm, a height of 6.90 mm, and a central feature diameter of 3.00 mm. A note "Pick&Place Area" points to the central feature. The side view shows a height of 3.00 mm and a reference dimension "Ref.". A label "-C-" is shown below the side view.



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REVISION HISTORY

rev.	description	date
1.0	initial release	04/30/2020

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

CUI DEVICES

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

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