

MODEL: UJC-HP2-3-SMT-TR | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB Type C receptacle
- power-only
- tape & reel packaging

**SPECIFICATIONS**

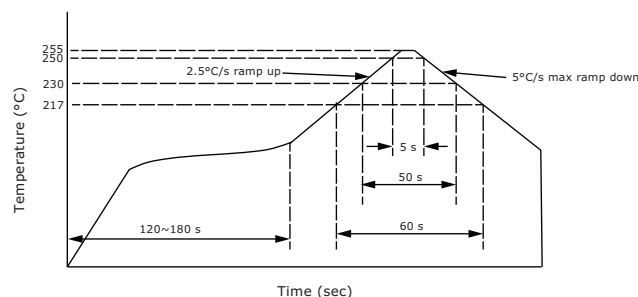
parameter	conditions/description	min	typ	max	units
USB standard	power only				
rated input voltage				20	Vdc
rated input current				3.0	A
contact resistance ¹	between terminals and mating plug			40	mΩ
insulation resistance	between adjacent contacts	100			MΩ
voltage withstand	between adjacent contacts	100			Vac
insertion force		5		20	N
withdrawal force		8		20	N
life			5,000		cycles
operating temperature		-30		85	°C
flammability rating	UL94V-0				
RoHS	yes				

Note: 1. When measured at 20 mV / 100 mA.
 2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

SOLDERABILITY

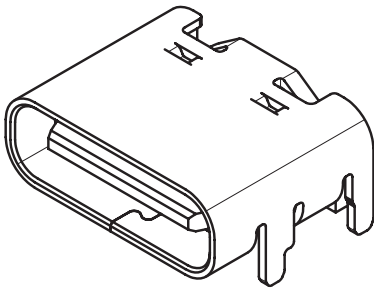
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity 65~70%	25		30	°C
reflow soldering ³	see reflow profile		255	260	°C

Note: 3. It is recommended to reflow solder within 3 months from opening vacuum packaging at a temperature of 25~30°C & relative humidity 65~70%.

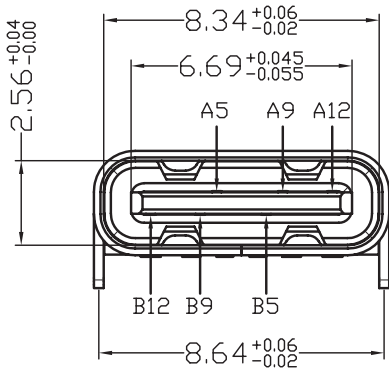
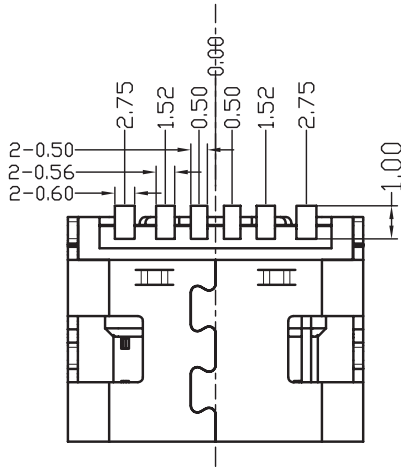
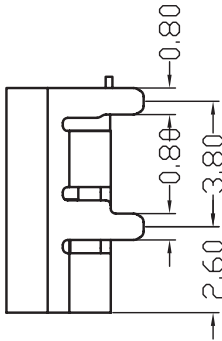
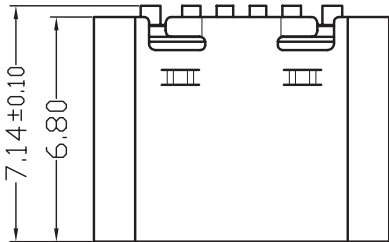
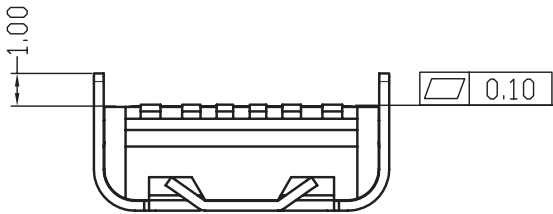


MECHANICAL DRAWING

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



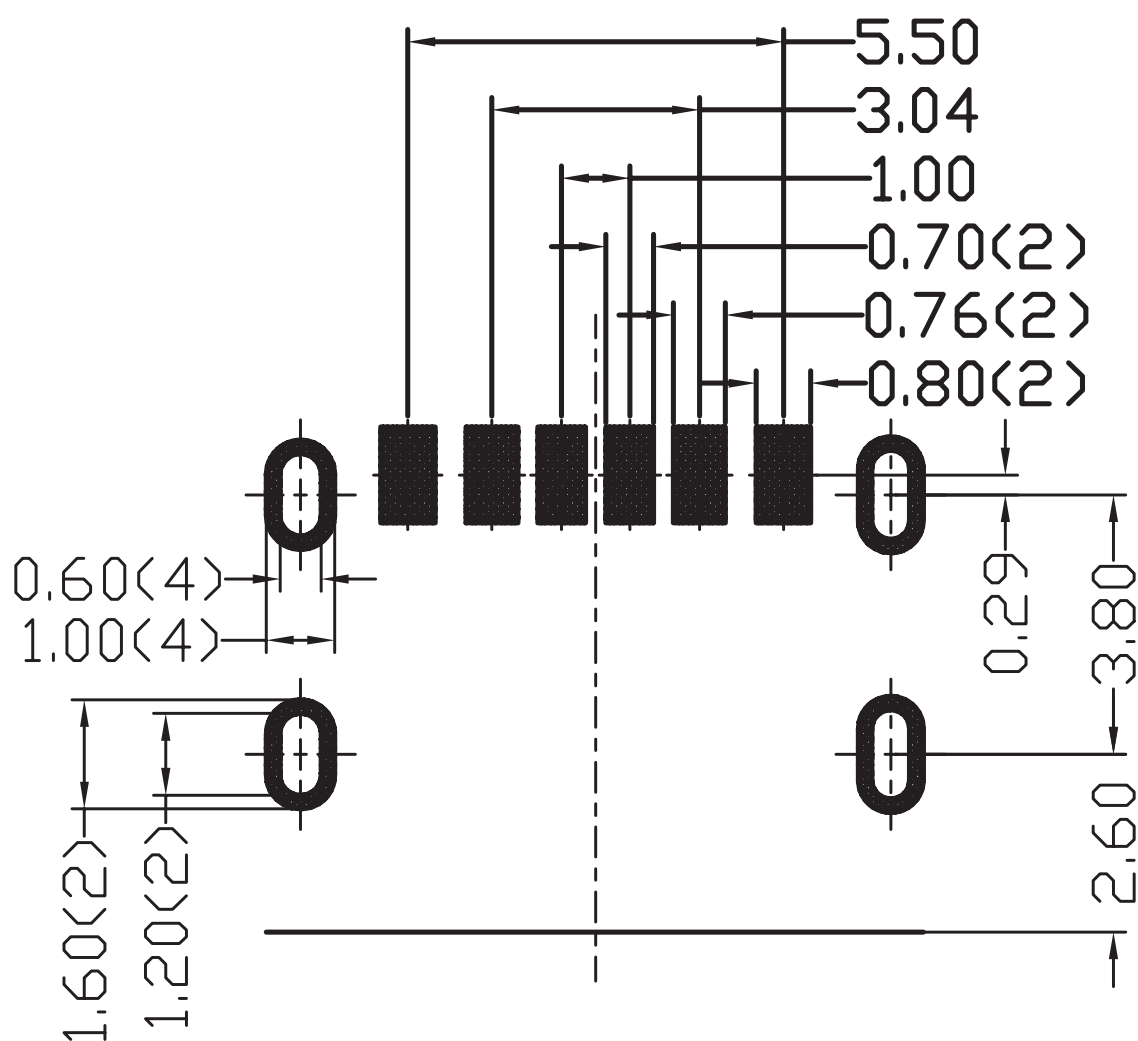
DESCRIPTION	MATERIAL	PLATING/COLOR
insulator	LCP [UL94V-0]	black
shell	stainless steel	nickel
terminal	copper alloy	contact area: gold over nickel solder area: nickel



MECHANICAL DRAWING (CONTINUED)

units: mm
PCB tolerance: ± 0.05 mm

PIN CONNECTIONS			
PIN	SIGNAL NAME	PIN	SIGNAL NAME
A5	CC1	B8	SBU2
A9	V _{bus}	B4	V _{bus}
A12	GND	B1	GND



Recommended PCB Layout
Top View

PACKAGING

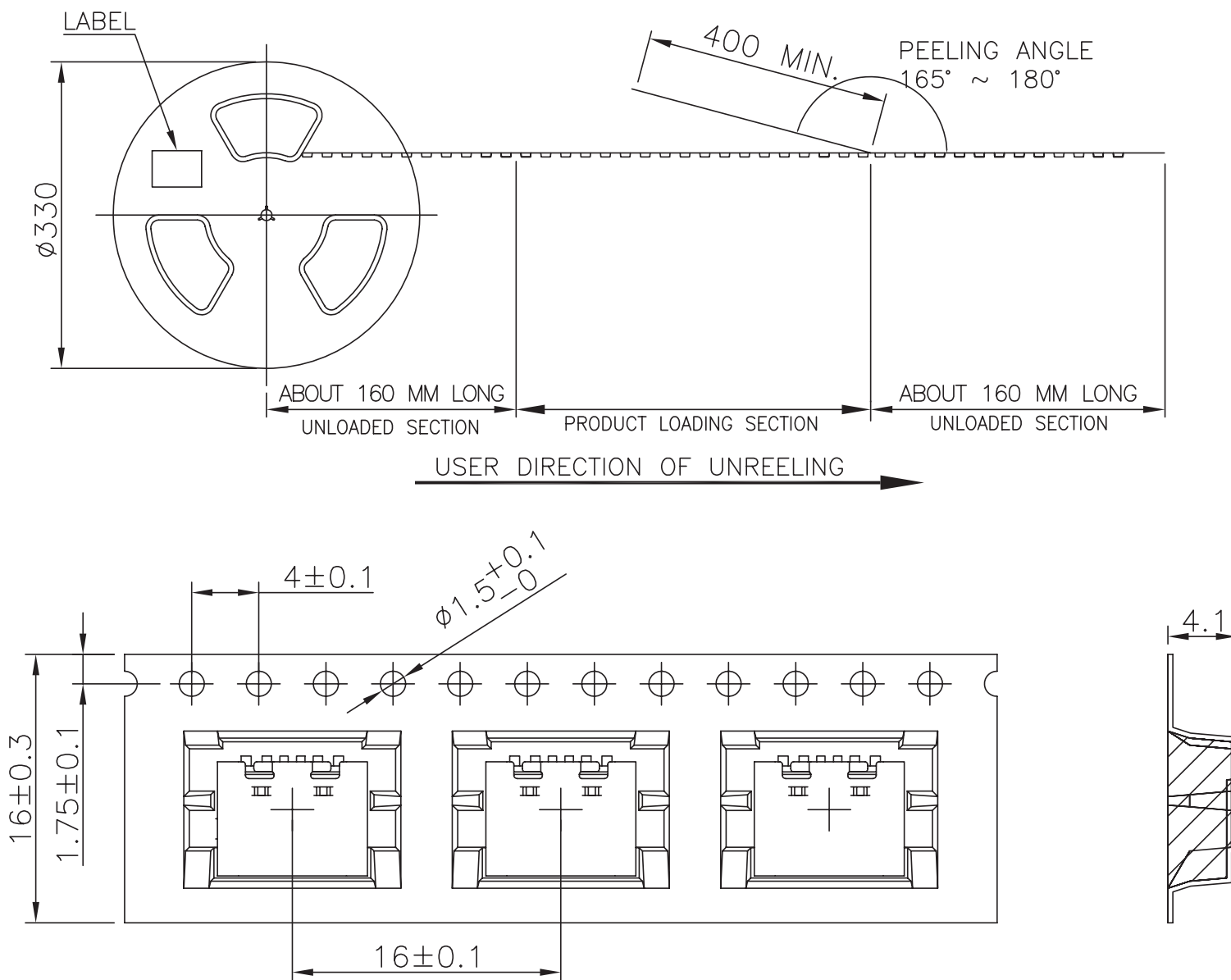
units: mm

Reel Size: $\varnothing 330$ mm

Reel QTY: 1,000 pcs per reel

Carton Size: 355 x 355 x 235 mm

Carton QTY: 10,000 pcs



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.

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