

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

FEATURES

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



SPECIFICATIONS

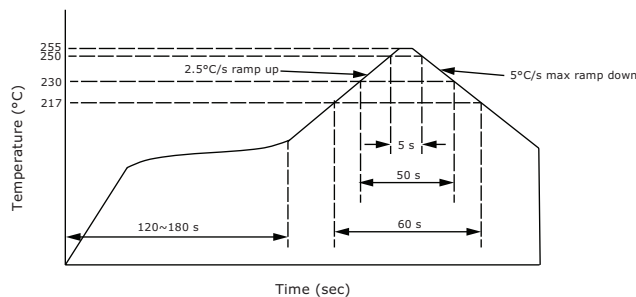
parameter	conditions/description	min	typ	max	units
USB standard	power only				
rated input voltage				20	Vdc
rated input current				3.0	A
contact resistance ¹	between terminals and mating plug			40	mΩ
insulation resistance	between adjacent contacts	100			MΩ
voltage withstand	between adjacent contacts	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

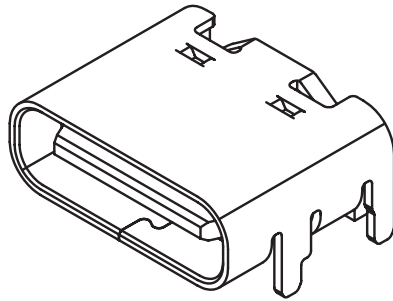
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity 65-70%	25		30	°C
reflow soldering ³	see reflow profile		255	260	°C

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%.

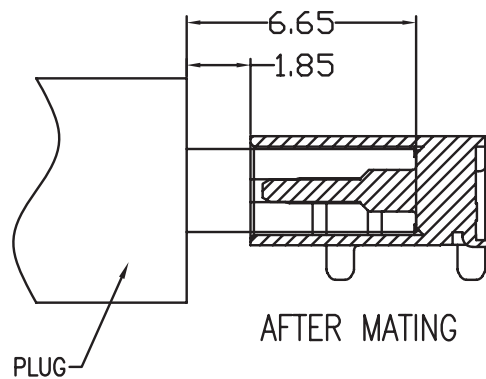
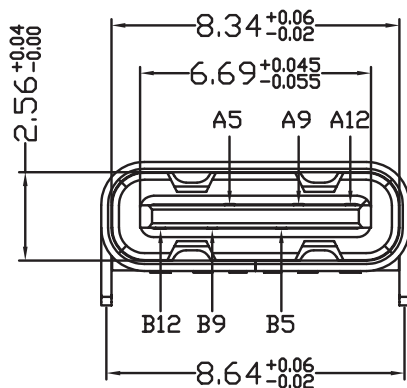
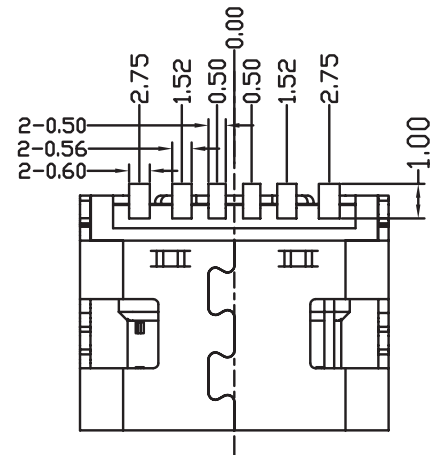
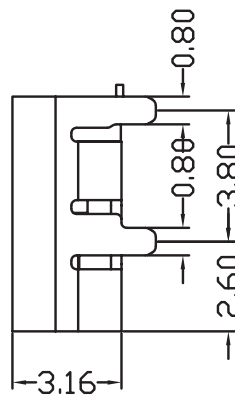
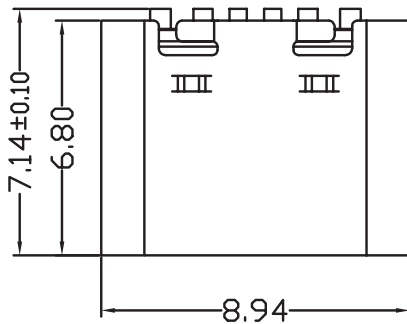
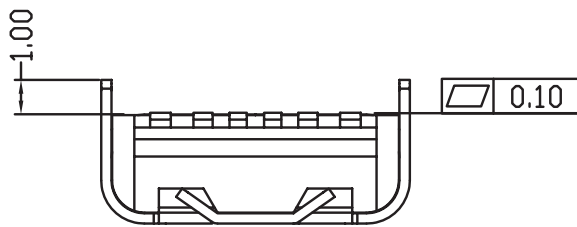


MECHANICAL DRAWING

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



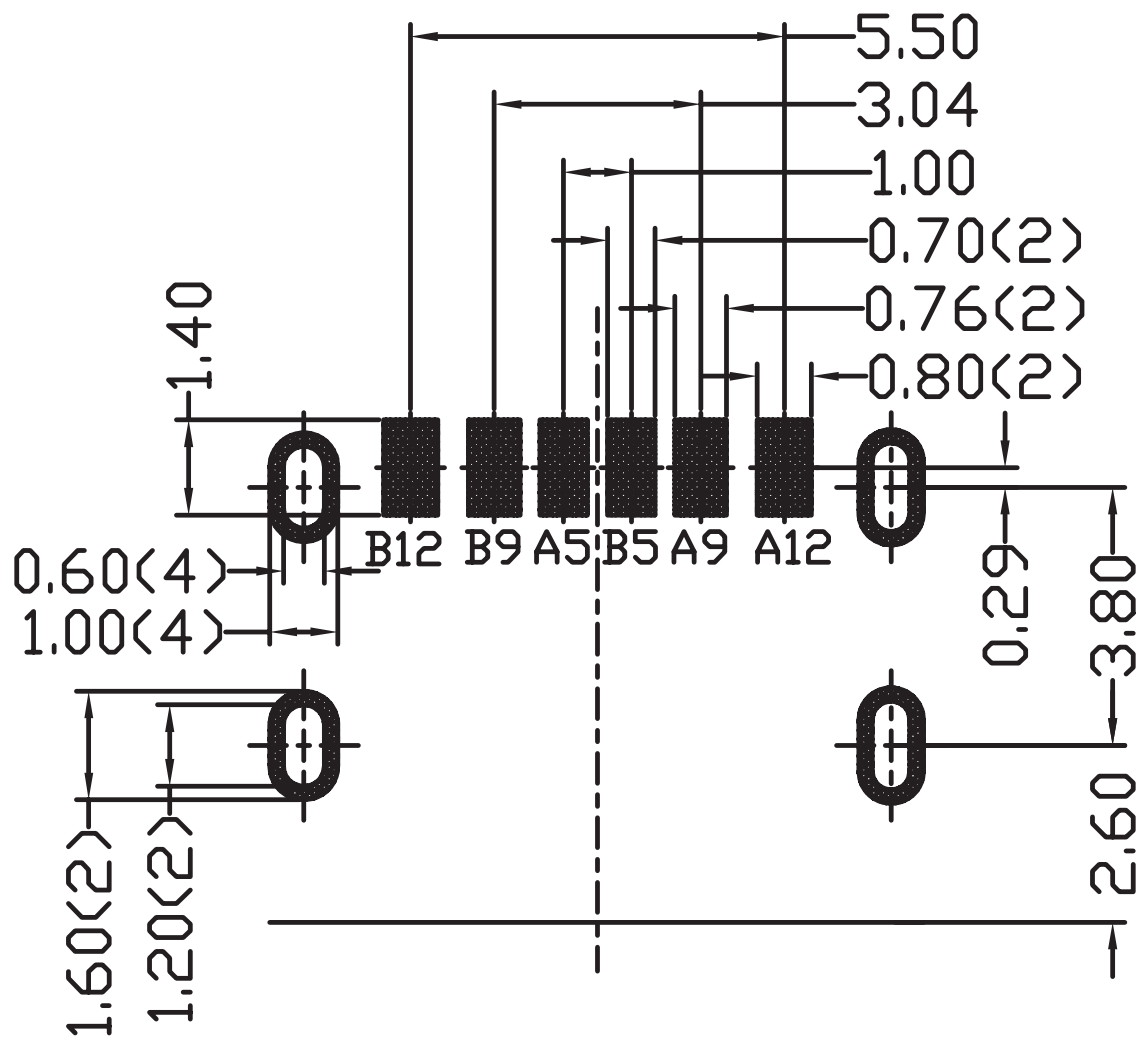
DESCRIPTION	MATERIAL	PLATING/COLOR
insulator	LCP (UL94V-0)	black
shell	stainless steel	nickel
terminal	copper alloy	contact area: gold over nickel solder area: nickel



MECHANICAL DRAWING (CONTINUED)

units: mm
PCB tolerance: ±0.05 mm

PIN CONNECTIONS			
PIN	SIGNAL NAME	PIN	SIGNAL NAME
A5	CC1	B5	CC2
A9	VBUS	B9	VBUS
A12	GND	B12	GND

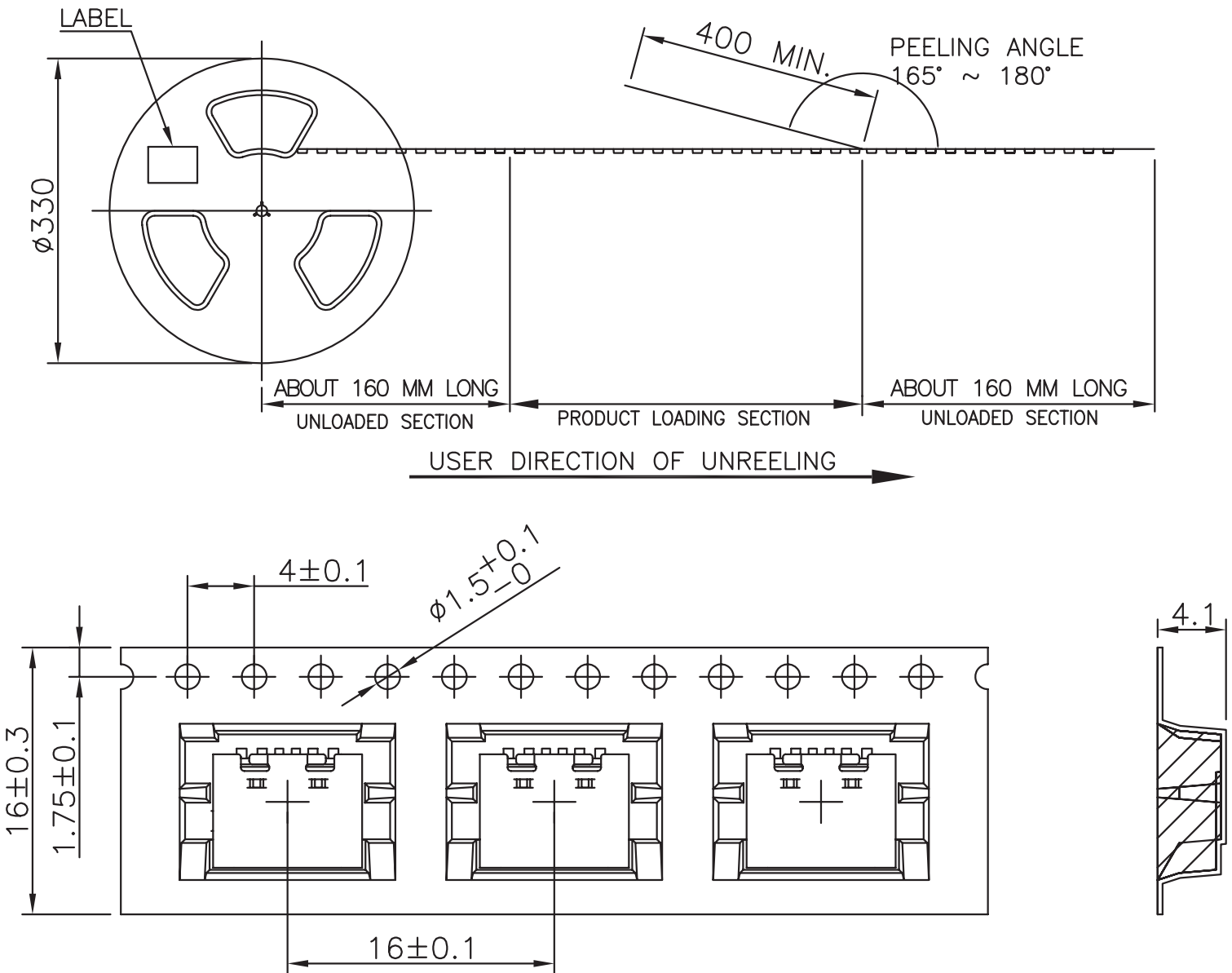


Recommended PCB Layout
Top View

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
1.01	updated pin connections details	02/28/2024
1.02	CUI Devices rebranded to Same Sky	09/12/2024

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



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

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Same Sky 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.

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