

**MODEL:** UJ20-C-H-G-SMT-TR | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB Type C receptacle
- USB 2.0
- 480 Mbit/s data transfer speed
- reflow solder compatible
- tape & reel packaging

**SPECIFICATIONS**

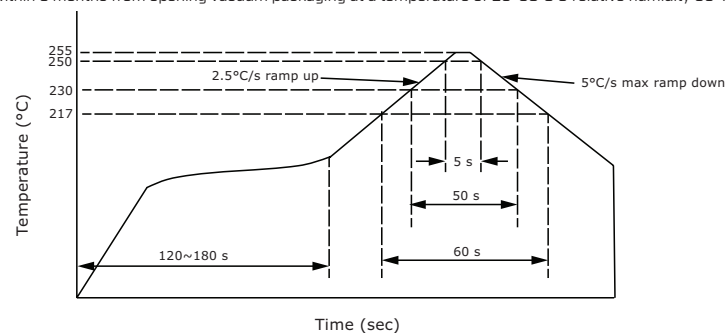
parameter	conditions/description	min	typ	max	units
USB standard	USB 2.0				
rated input voltage				20	Vdc
rated input current	as per EIA-364-70, Method B				
	power pins collectively [A1, A4, A9, A12, B1, B4, B9, B12]			5.0	A
	VCONN pins individually [A5, B5]			1.25	A
	all other signal pins individually			0.25	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	at a rate of 12.5 mm/min	5		20	N
withdrawal force	at a rate of 12.5 mm/min	8		20	N
life	at a rate of 200 cycles per hour		10,000		cycles
operating temperature		-40		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

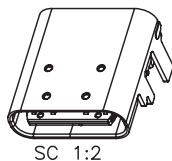
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity 65~70%	25		30	°C
reflow soldering ³	see reflow profile		255	260	°C

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%.



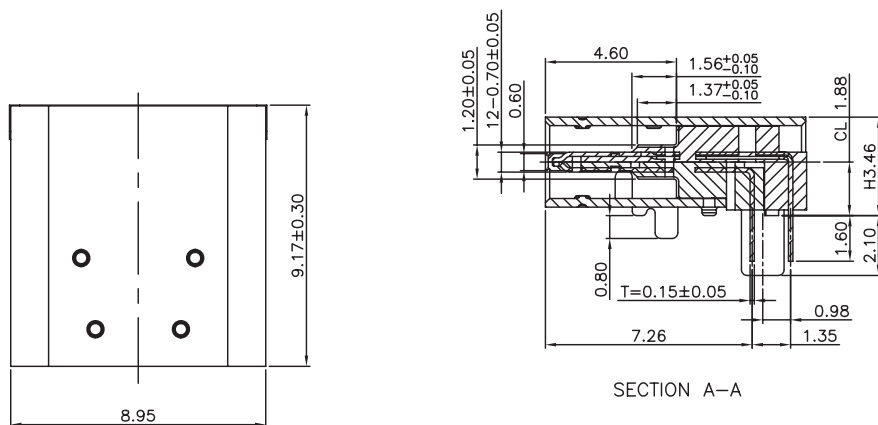
MECHANICAL DRAWING

units: mm
tolerance:
X. ± 0.50 mm
X.X ± 0.30 mm
X.XX ± 0.20 mm
X.XXX ± 0.10 mm

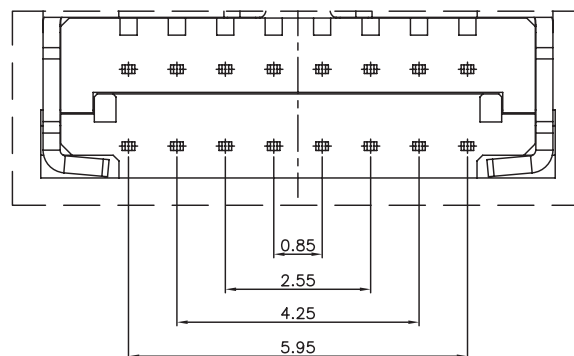
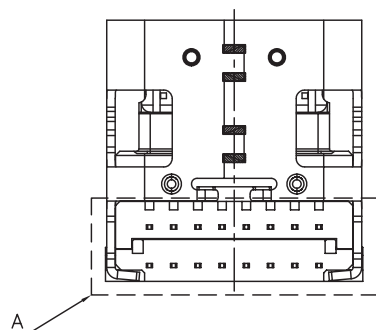
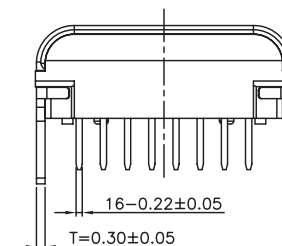
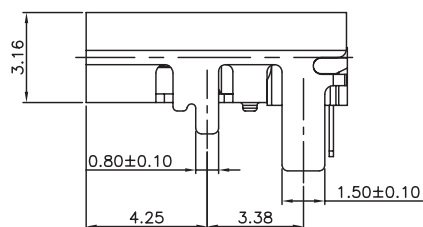
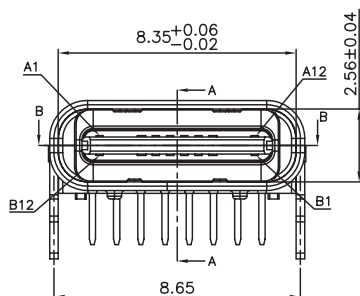
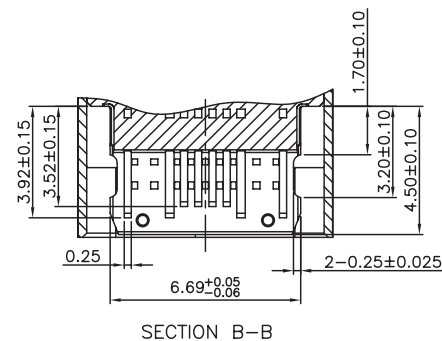


SC 1:2

	MATERIAL	PLATING
insulator	LCP [UL94V-0]	black
contact	copper alloy	contact area: gold flash solder area: matte tin over nickel
shell	stainless steel	nickel



SECTION A-A

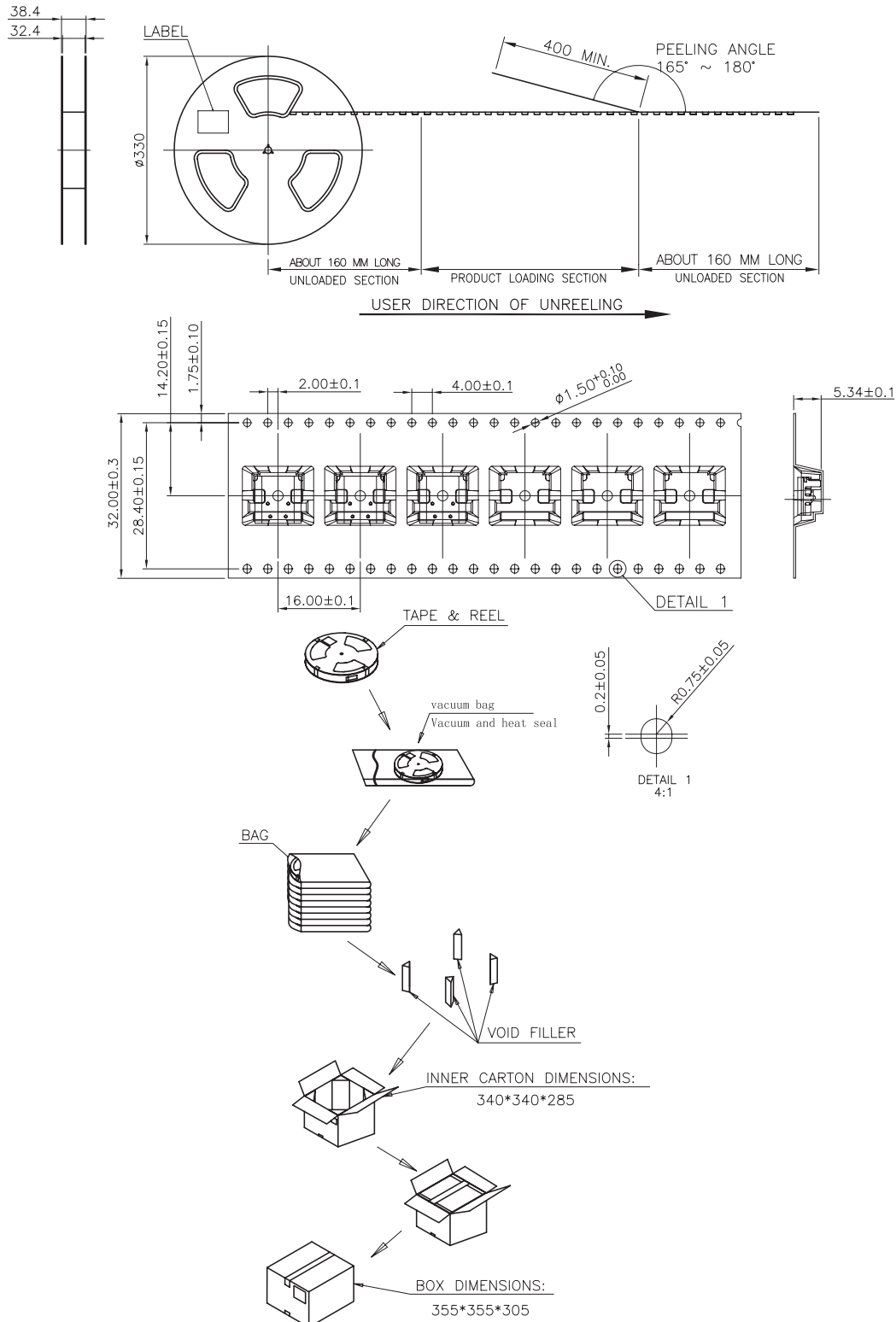
Detail A
SC 2:1

SECTION B-B

PACKAGING

units: mm

Reel Size: $\varnothing 330$ mm
Reel QTY: 700 pcs per reel
Carton Size: 355 x 355 x 305 mm
Carton QTY: 4,900 pcs



REVISION HISTORY

rev.	description	date
1.0	initial release	06/15/2022
1.01	logo, datasheet style update	08/05/2022
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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