

**MODEL:** UJ20-C-H-G-1-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				40	mΩ
insulation resistance	at 200 Vdc	100			MΩ
voltage withstand	for 1 minute	100			Vac
insertion force		5		20	N
withdrawal force		6		20	N
life			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

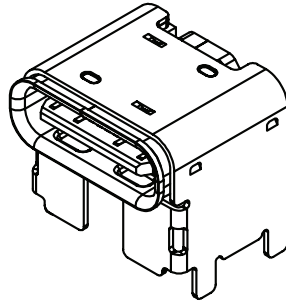
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity 65~70%	25		30	°C
reflow soldering ³	see reflow profile		255	260	°C

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%.

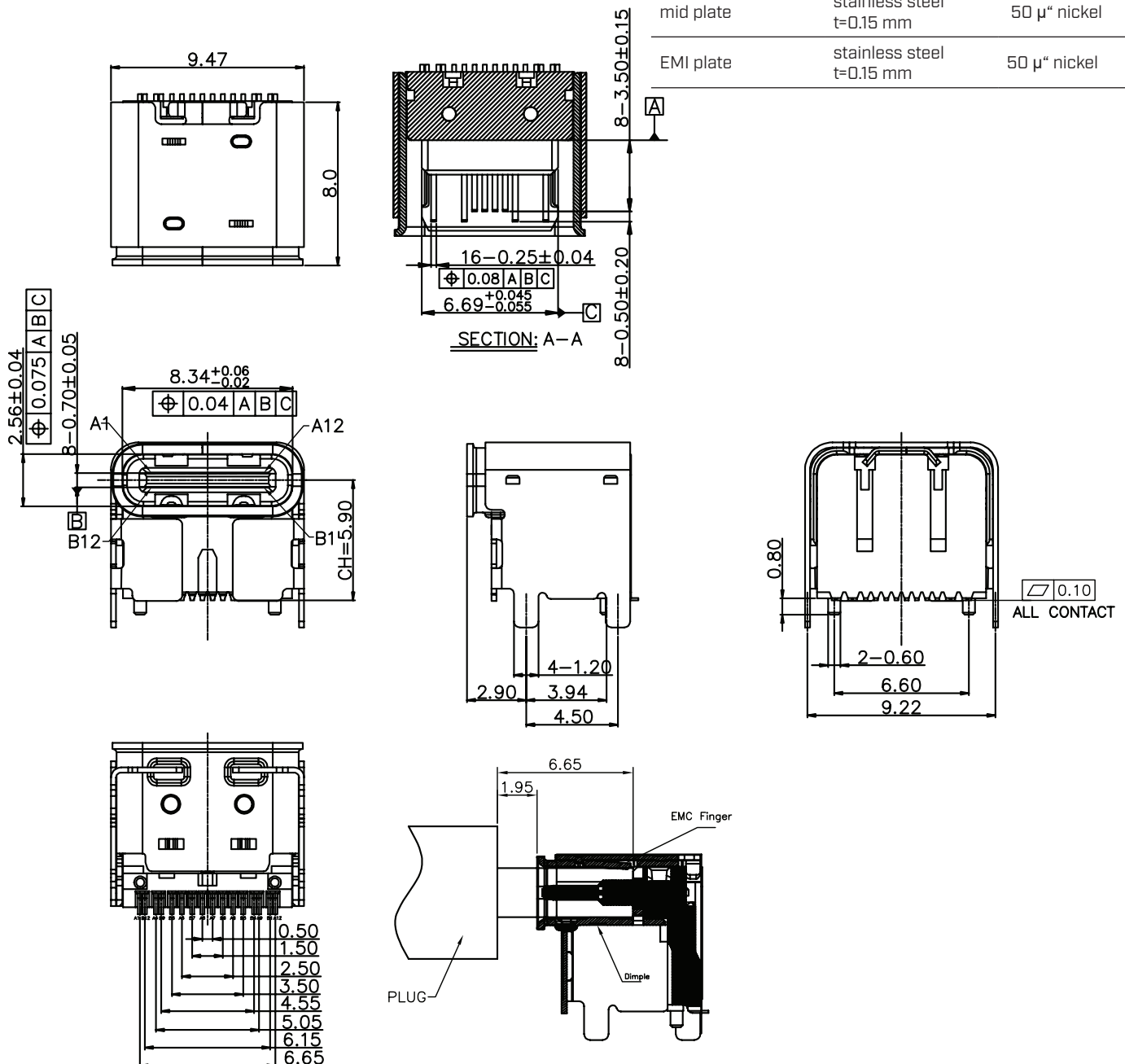


MECHANICAL DRAWING

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



DESCRIPTION	MATERIAL	PLATING/COLOR
insulator	LCP (UL94V-0)	black
contact	copper alloy t=0.12 mm	contact area: gold flash over 50 μ" nickel solder area: 80 μ" matte tin over 50 μ" nickel
shell	stainless steel t=0.25 mm	50 μ" nickel
cover shell	stainless steel t=0.30 mm	50 μ" nickel
mid plate	stainless steel t=0.15 mm	50 μ" nickel
EMI plate	stainless steel t=0.15 mm	50 μ" nickel



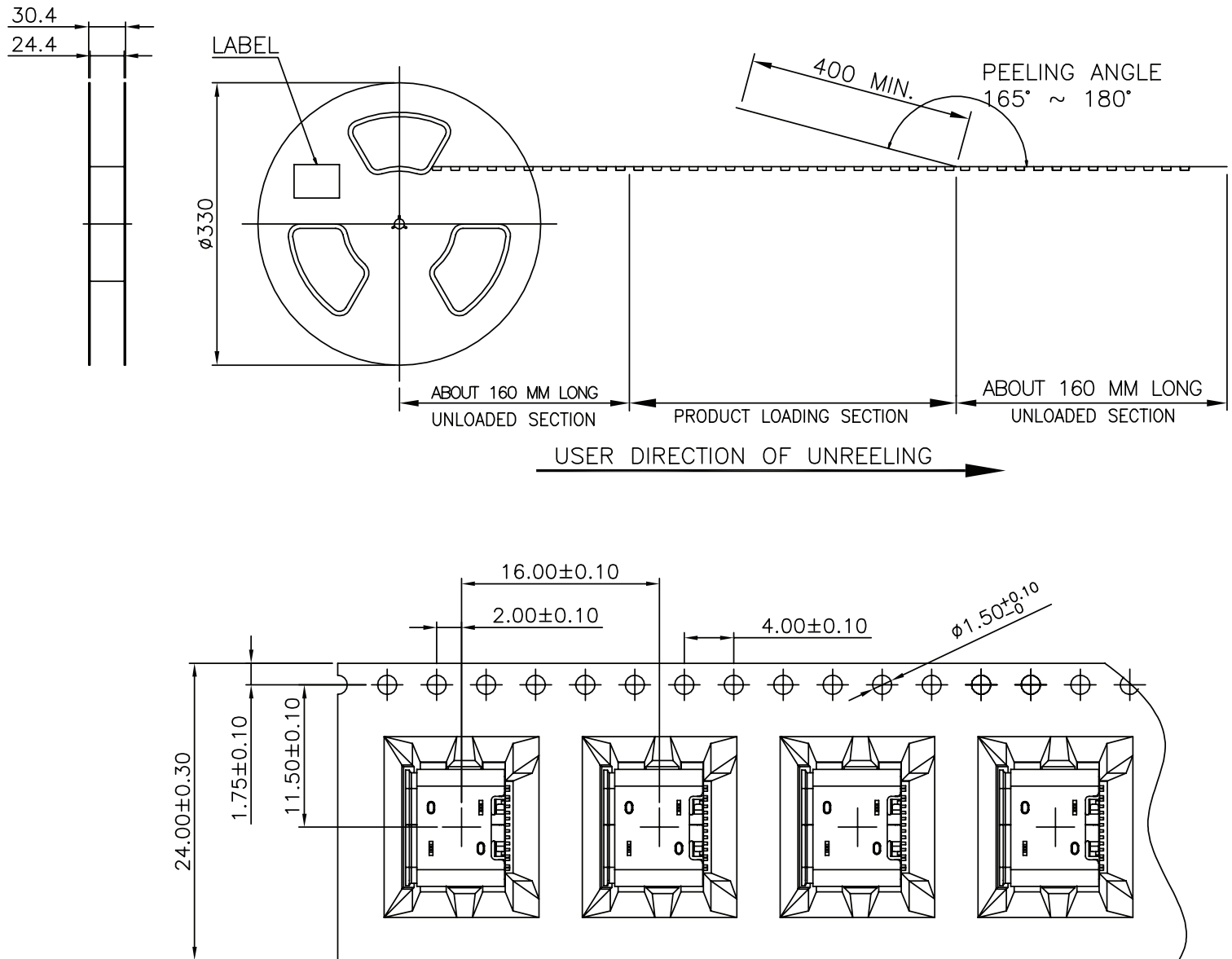
AFTER MATING

PACKAGING

units: mm

Reel Size: $\varnothing 330$ mm

Reel QTY: 550 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	05/17/2024
1.01	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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