

**MODEL:** UJ40-32-C-H-G-SMT-P24-TR | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB Type C receptacle
- USB 4.0
- 40 Gbit/s data transfer speed
- reflow solder compatible
- tape & reel packaging

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
USB standard	USB 4.0				
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	at 100 Vdc between adjacent contacts	100			MΩ
voltage withstand	between adjacent contacts for 1 minute	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 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.

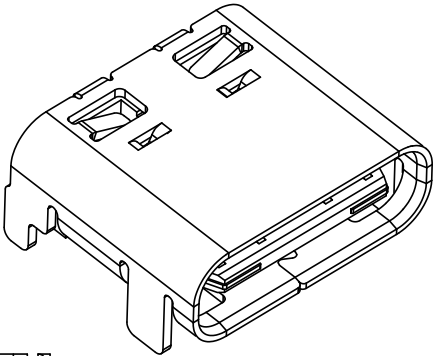
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at 20~30°C, 40~75% humidity				
reflow soldering	see reflow profile			260	°C

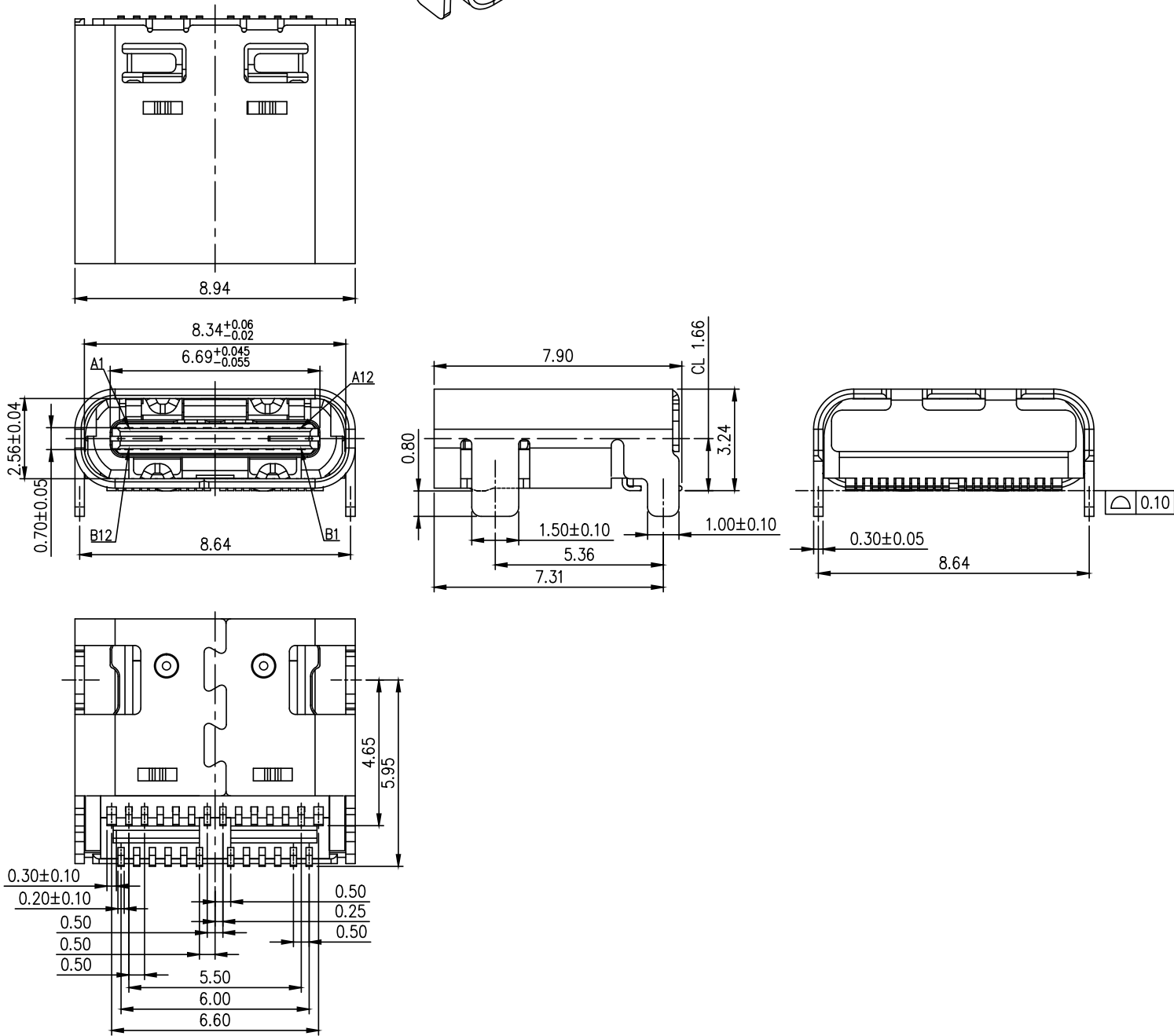


MECHANICAL DRAWING

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



DESCRIPTION	MATERIAL	PLATING/COLOR
housing	LCP (UL94V-0)	black
contact	C7025	contact area: gold flash over 30 μ" nickel solder area: gold flash over 30 μ" nickel
shell	SUS304	30 μ" nickel
mid plate	SUS304	--
spring	SUS304	--



units: mm
PCB tolerance: ± 0.05 mm
PCB thickness: 0.8 mm

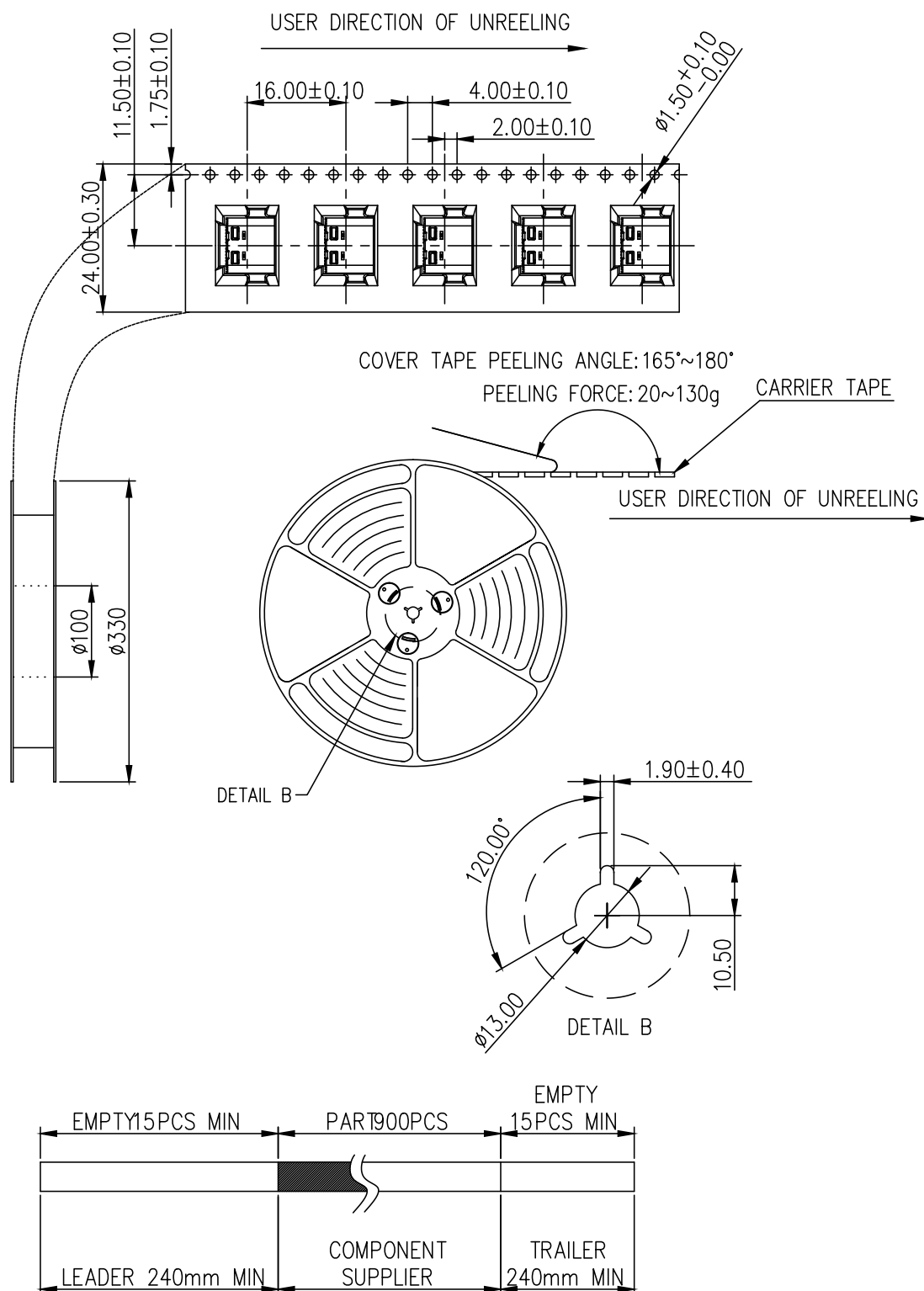
Technical drawing of a rectangular plate with dimensions and labels. The drawing shows a cross-section of the plate with various features and dimensions. The overall dimensions are 8.64 (width) and 7.13 (height). The plate has a central rectangular area with a cross-hatch pattern, measuring 7.00 in width and 5.36(2X) in height. The top edge has a total width of 8.64, with a central section of 6.20. The top edge also has a total height of 2.10(2X), with a central section of 1.60(2X). The bottom edge has a total width of 8.64, with a central section of 7.00. The bottom edge also has a total height of 5.65, with a central section of 2X2.60. The plate has four rounded corners, each with a radius of 0.50. The corners are labeled A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, and A12. The central area is labeled B1 through B12. The plate has a thickness of 0.60(4X) and a width of 1.10(4X). The drawing includes various dimension lines and arrows indicating the measurements.

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PACKAGING

units: mm

Reel Size: $\varnothing 330$ mm
Reel QTY: 900 pcs per reel
Carton QTY: 9,000 pcs



REVISION HISTORY

rev.	description	date
1.0	initial release	11/03/2025

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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