

**MODEL:** UJ32-21-C-H-G-MHMT-P24-TR | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB Type C receptacle
- USB 3.2 Gen 2x1
- 10 Gbit/s data transfer speed
- reflow solder compatible
- tape & reel packaging

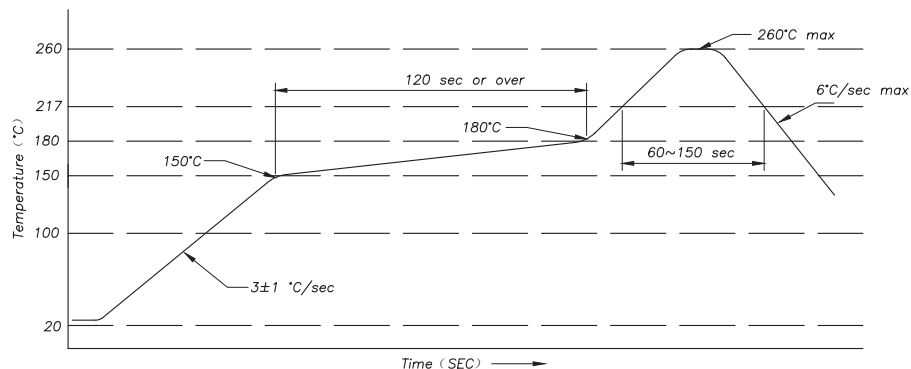
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
USB standard	USB 3.2 Gen 2x1				
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	100			Vac
insertion force	at a rate of 30 mm/min	5		20	N
withdrawal force	at a rate of 30 mm/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.

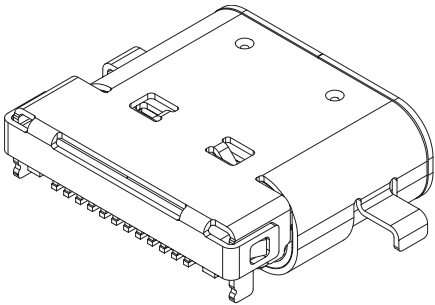
SOLDERABILITY

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

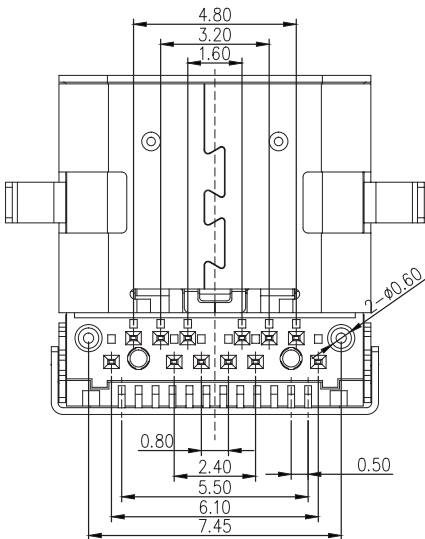
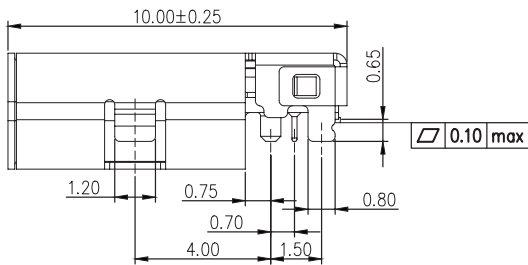
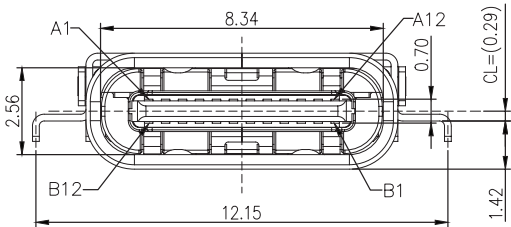
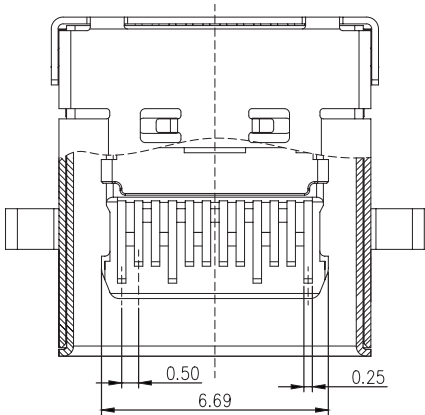


MECHANICAL DRAWING

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



DESCRIPTION	MATERIAL	PLATING/COLOR
housing	LCP [UL94V-0]	black
contact	C7025	contact area: gold flash over 30 μ" nickel solder area: 50 μ" tin over 30 μ" nickel
shell	SUS304	50 μ" nickel
EMC	SUS301	--
mid plate	SUS301	--



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

Technical drawing of a mechanical component, likely a manifold or plate, showing a top view with dimensions and a cross-section view. The top view includes a central array of 12 circular holes labeled B1 through B12, with dimensions for hole diameters (e.g., 0.40, 0.65) and hole spacing. The cross-section view shows the thickness of the component and the internal structure of the holes. Dimensions are provided in millimeters.

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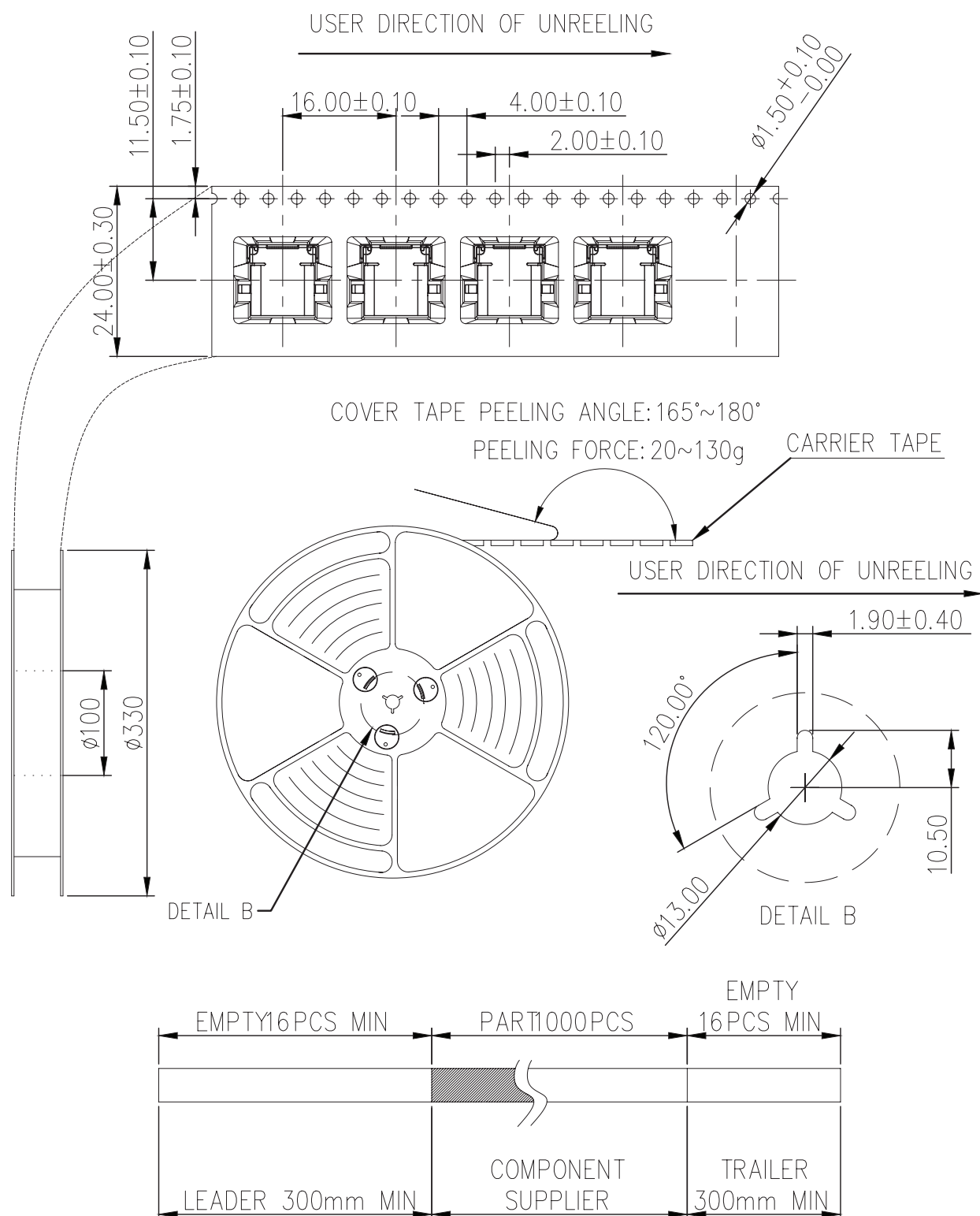
PACKAGING

units: mm

Reel Size: $\varnothing 330$ mm

Reel QTY: 1,000 pcs per reel

Carton QTY: 10,000 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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