

**MODEL:** UJ40-C-H-SMT-4B-P24-TR | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB Type C receptacle
- USB 4.0 Gen 3
- 40 Gbit/s data transfer speed
- tape & reel packaging

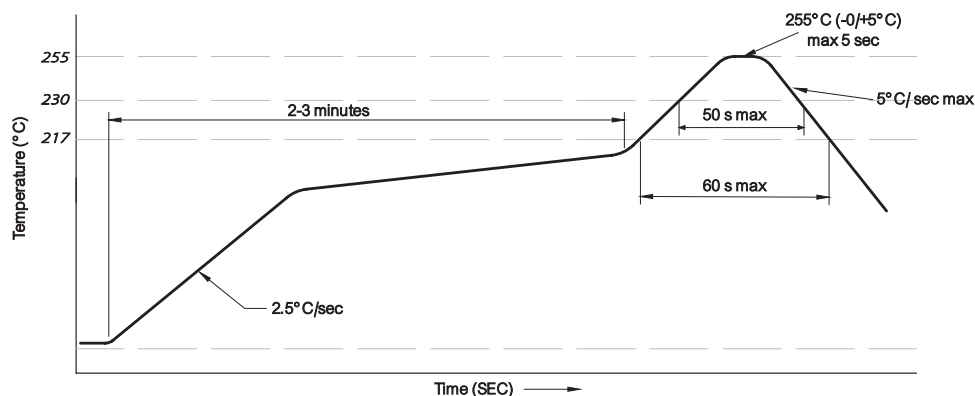
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
USB standard	USB 4.0 Gen 3				
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		5		20	N
withdrawal force		8		20	N
life			10,000		cycles
operating temperature		-55		85	°C
flammability rating	UL94V-0				
RoHS	yes				

Note: 1. When measured at 20 mV / 100 mA.

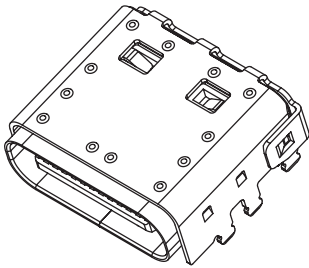
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at 20~26°C, less than 75% humidity				°C
reflow soldering	see reflow profile		255	260	°C

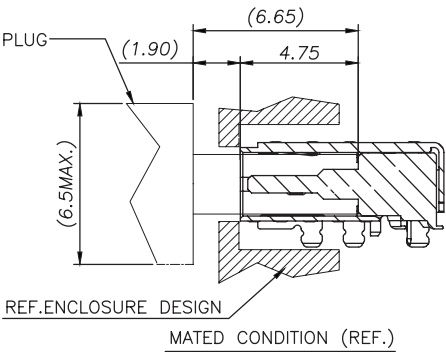
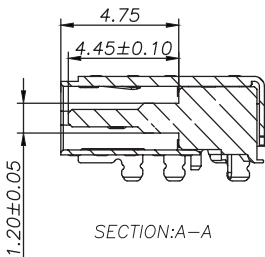
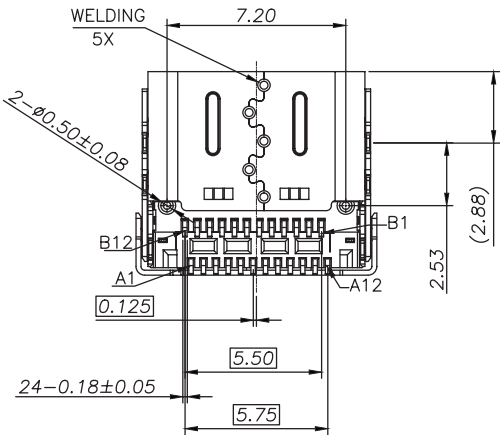
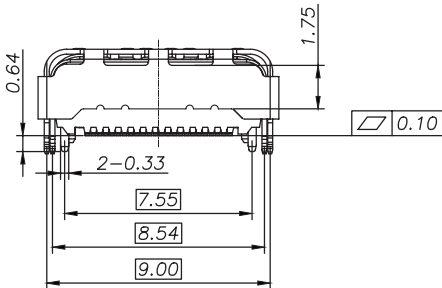
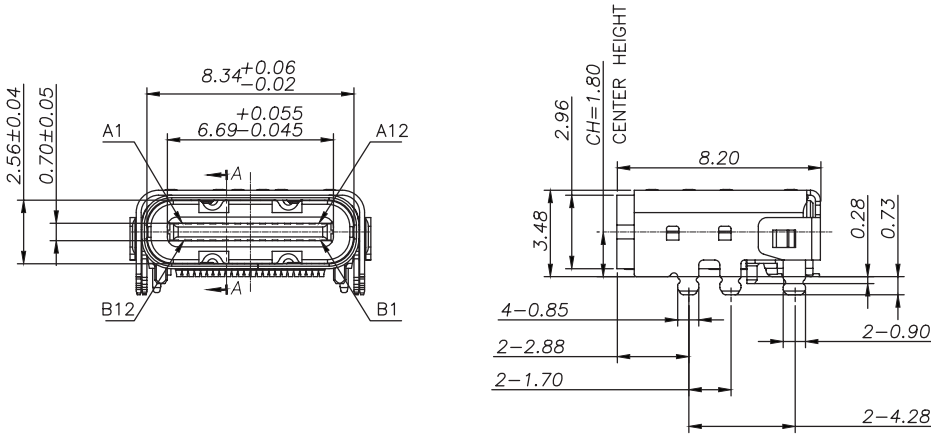
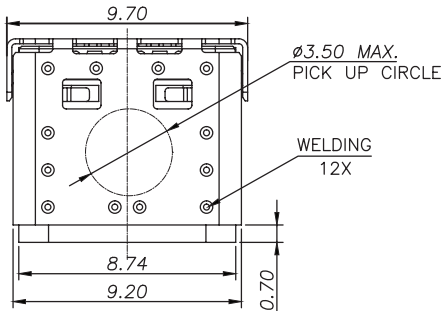


MECHANICAL DRAWING

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	copper alloy [C18150]	contact area: 3 μ" gold over 50 μ" nickel solder area: 1 μ" gold over 50 μ" nickel
inner shell	stainless steel [SUS304]	30 μ" nickel
outer shell	stainless steel [SUS304]	30 μ" nickel
mid plate	stainless steel [SUS301]	30 μ" nickel



units: mm
PCB tolerance: ± 0.05 mm
PCB thickness: 1.0 mm

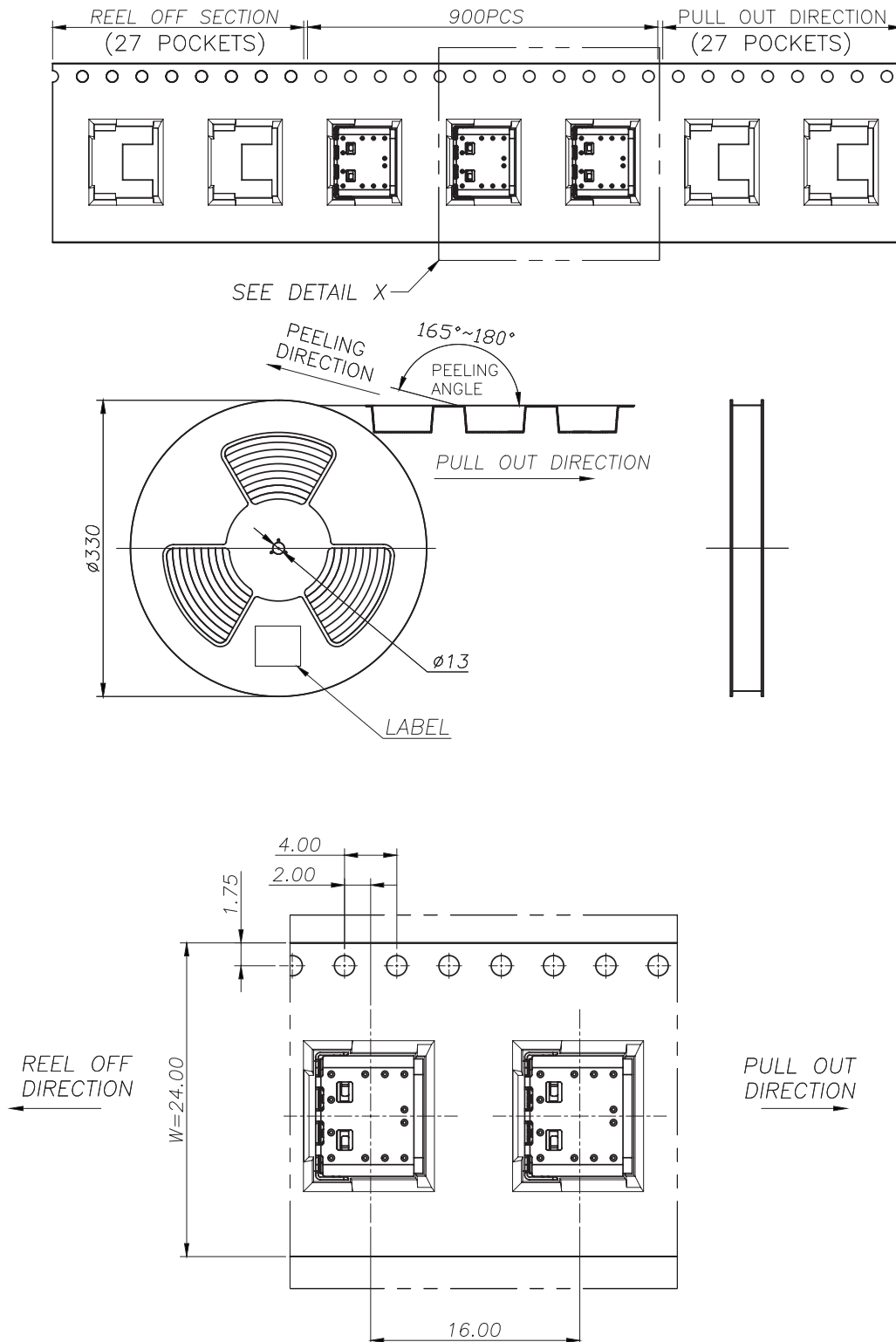
Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and tolerances. The drawing includes a top view and a side view. Key dimensions include overall width 8.54, overall height 24-0.27±0.03, and various internal features like holes and slots. Tolerances are specified for several dimensions, such as ±0.05 for hole diameters and ±0.03 for hole position. A detail view 'DETAIL A' is shown on the right side.

PACKAGING

units: mm

Reel Size: Ø330 mm

Reel QTY: 900 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	08/17/2026

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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