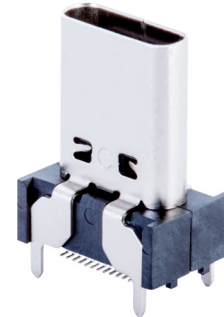


**MODEL:** UJ32-C-V-G-SMT-P24-TR | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB Type C receptacle
- USB 3.2 Gen 1
- 5 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 1				
rated input voltage				30	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		-30		85	°C
flammability rating	UL94V-0				
RoHS	yes				

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

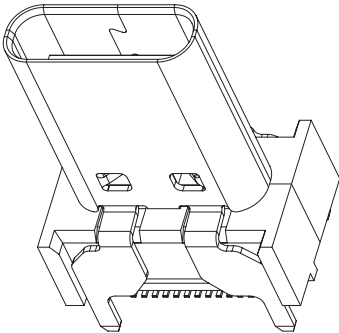
SOLDERABILITY

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

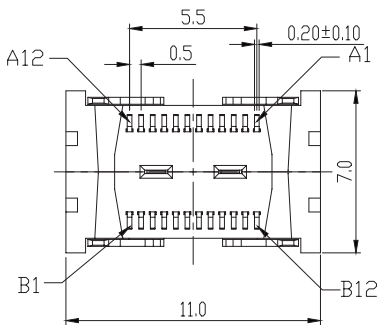
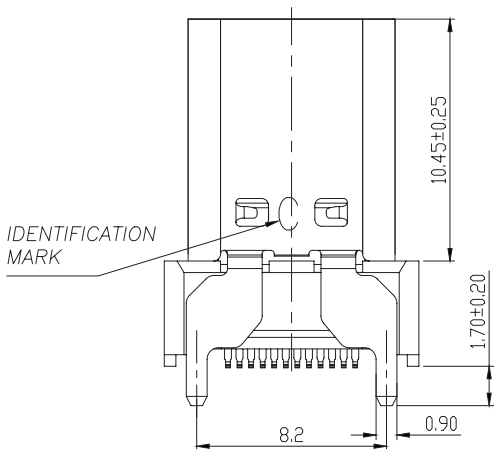
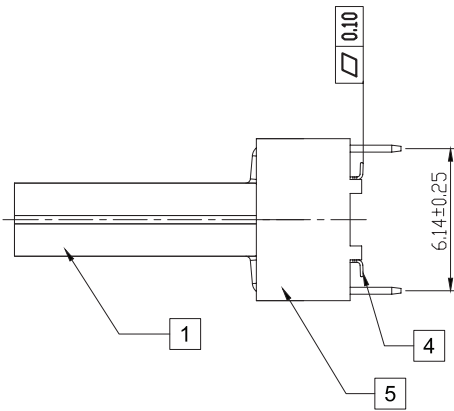
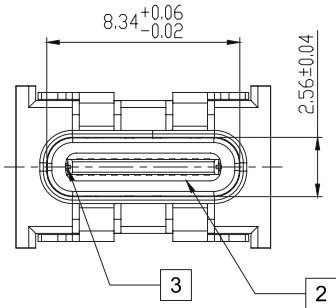
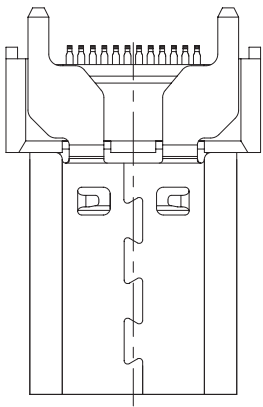


MECHANICAL DRAWING

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



ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	shell	SUS304	30 μ" nickel
2	GND plate	SUS301	clear
3	mid plate	SUS301	clear
4	contact	C7025	contact area: 1 μ" gold over 50 μ" nickel solder tails: matte tin
5	insert molding	LCP E6806 (UL94V-0)	black
6	cover	LCP E6806 (UL94V-0)	black



PACKAGING

units: mm

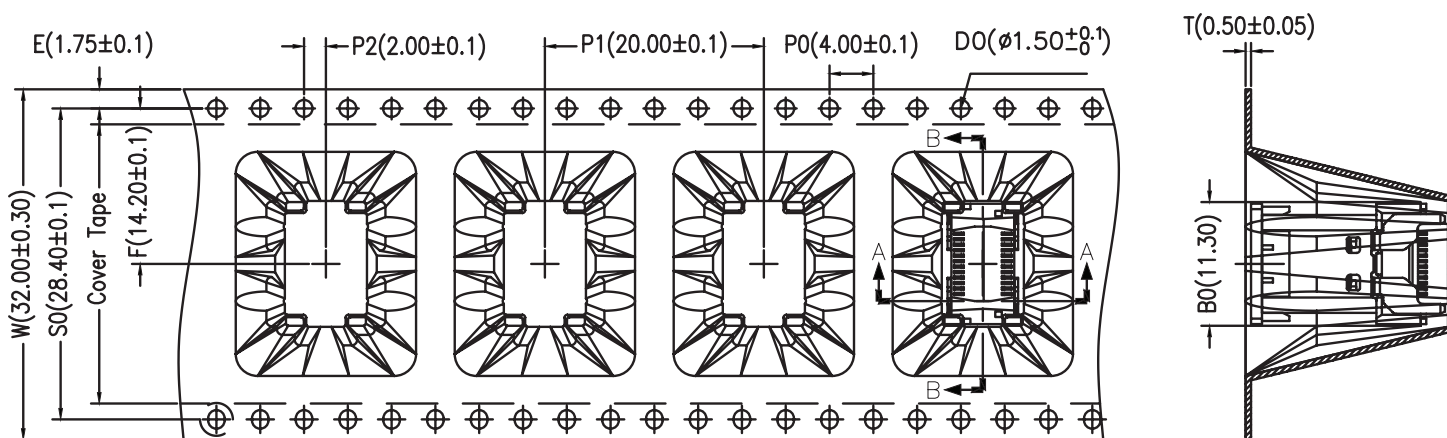
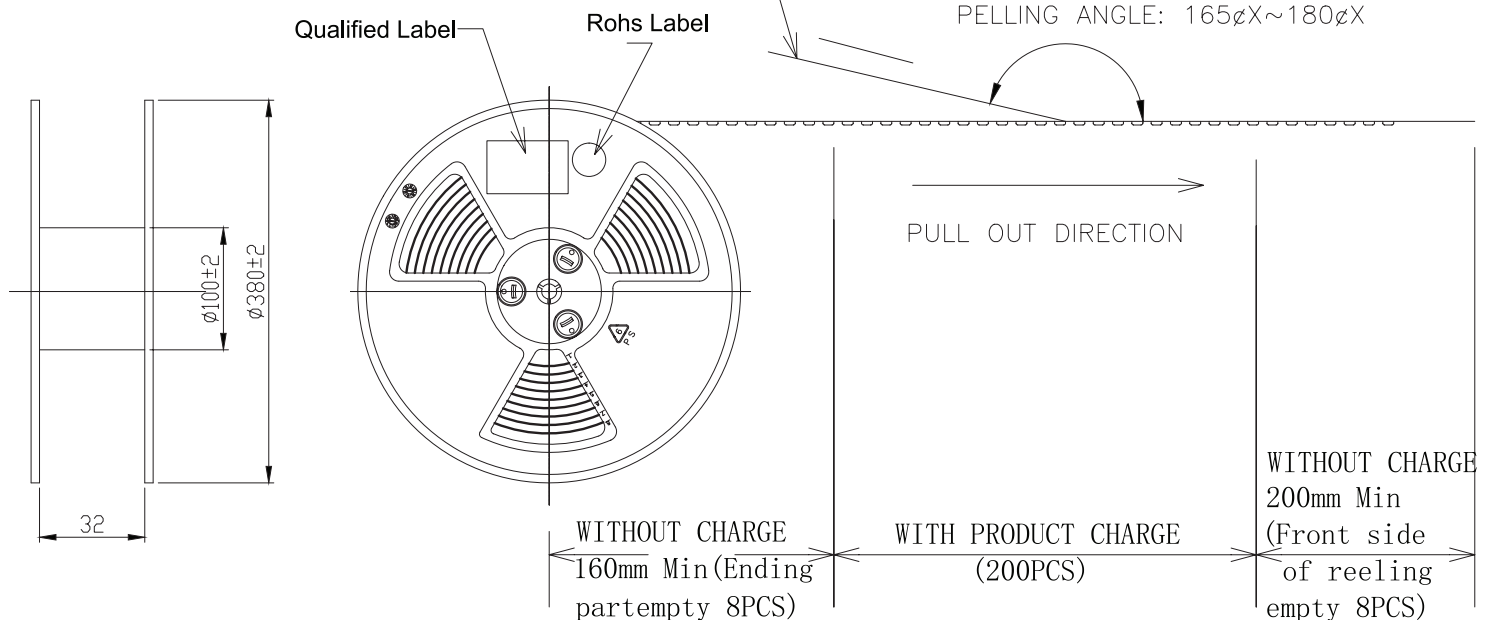
Reel Size: Ø380

Reel QTY: 200 pcs per reel

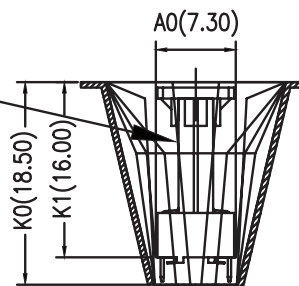
Carton Size: 340 x 340 x 320 mm

Carton QTY: 1,600 pcs

AROUND THE OUTER PERIPHERY IN A TURE.
WEEDING THE COVER TAPE.



Surface direction can be inconsistent



REVISION HISTORY

rev.	description	date
1.0	initial release	07/29/2024

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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