

MODEL: UJ32-C-H-G-H3-MSMT-TR | **DESCRIPTION:** USB RECEPTACLE**FEATURES**

- USB Type C receptacle
- USB 3.2 Gen 2x2
- 20 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 2x2				
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	between adjacent contacts	100			MΩ
voltage withstand	between adjacent contacts	100			Vac
insertion force	at a rate of 12.5 mm/min	5		20	N
withdrawal force	at a rate of 12.5 mm/min	8		20	N
life	at a rate of 200 cycles per hour		10,000		cycles
operating temperature		-40		85	°C
flammability rating	UL94V-0				
RoHS	yes				

Note:

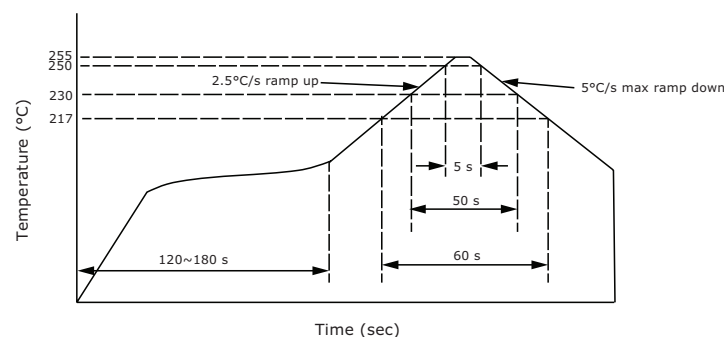
1. When measured at 20 mV / 100 mA.
2. All specifications measured at 10~35°C, humidity at 45~85%, under standard atmospheric pressure, unless otherwise noted.

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%.



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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 top view of the plate with various dimensions and labels. The overall dimensions are 12.15 by 9.00. The plate has a central rectangular area with dimensions 7.45 by 5.50. There are two rows of holes, labeled B1 through B12, with dimensions 1.60, 2.40, and 3.20. The holes are arranged in a grid with dimensions 4.80, 6.10, and 9.50. The plate has a thickness of 0.65. There are two sets of holes, labeled A1 and A12, with dimensions 0.35 and 0.50. The plate has a central rectangular area with dimensions 7.45 by 5.50. There are two rows of holes, labeled B1 through B12, with dimensions 1.60, 2.40, and 3.20. The holes are arranged in a grid with dimensions 4.80, 6.10, and 9.50. The plate has a thickness of 0.65. There are two sets of holes, labeled A1 and A12, with dimensions 0.35 and 0.50. The plate has a central rectangular area with dimensions 7.45 by 5.50. There are two rows of holes, labeled B1 through B12, with dimensions 1.60, 2.40, and 3.20. The holes are arranged in a grid with dimensions 4.80, 6.10, and 9.50. The plate has a thickness of 0.65. There are two sets of holes, labeled A1 and A12, with dimensions 0.35 and 0.50.

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PACKAGING

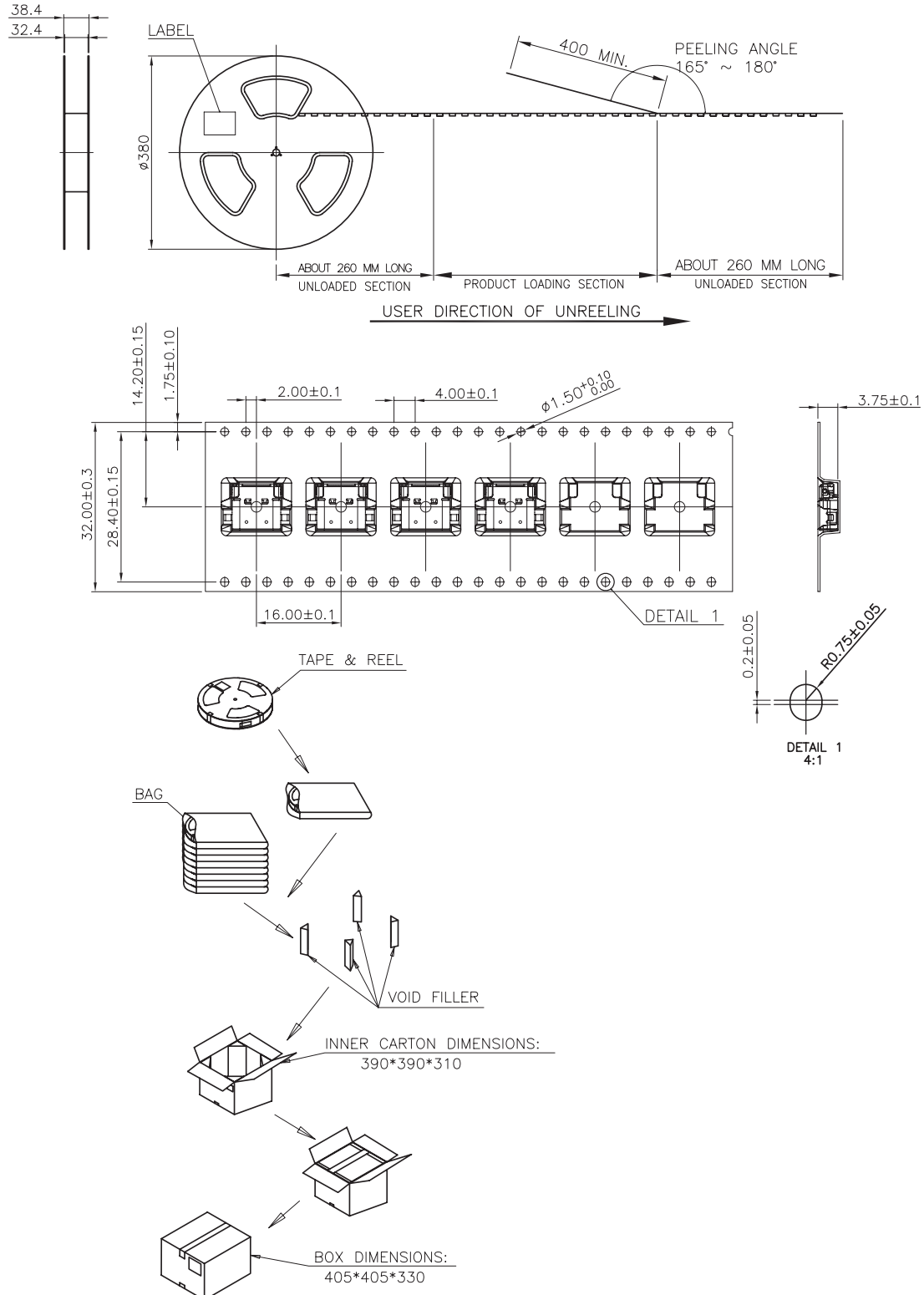
units: mm

Reel Size: $\varnothing 380$ mm

Reel QTY: 1,250 pcs per reel

Carton Size: 405 x 405 x 330 mm

Carton QTY: 10,000 pcs



REVISION HISTORY

rev.	description	date
1.0	initial release	06/15/2022
1.01	logo, datasheet style update	08/05/2022

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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