

## Product Change Notice (PCN)

Date: 12/20/2022

PCN Number: PCN-0454834R-01

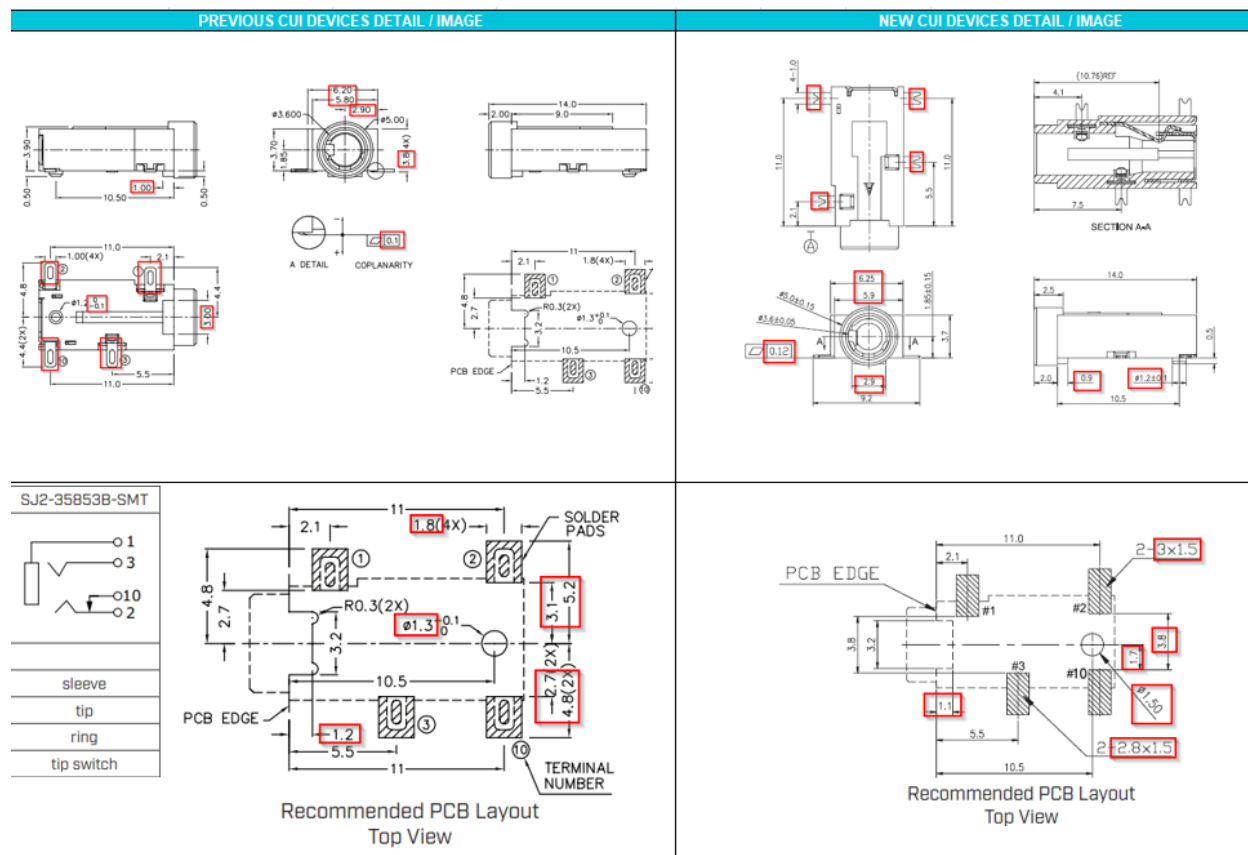
To Our Customers:

We appreciate your use of our products. Our commitment in maintaining and improving processes is demonstrated by plans to enhance our product quality, reliability, and manufacturability. The purpose of this notice is to inform you of a product change.

Product(s) Affected: SJ2-35853B-SMT-TR, SJ2-35853A-SMT-TR

Reason(s) for Change: *Manufacturing process improvements*

Description of Change: *Mechanical, electrical, soldering, packaging, and material changes as shown below:*



F-723-001

Revision: A

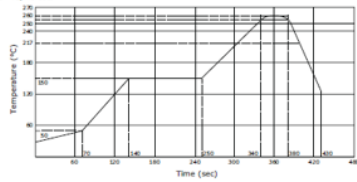
	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 10	brass	silver
plastic	PA10T	

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	copper alloy t=0.20	nickel-silver
terminal 2	copper alloy t=0.25	nickel-silver
terminal 3	copper alloy t=0.20	nickel-silver
terminal 10	copper alloy t=0.20	nickel-silver
housing	PA9T (UL94V-0)	black

#### SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <math>\leq 65\%</math>			43	$^{\circ}\text{C}$
reflow soldering <sup>1</sup>	see reflow profile	255	260	265	$^{\circ}\text{C}$
drying conditions <sup>2</sup>	parts in reel: bake at $40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 72 hours parts removed from reel: bake at $40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 10 hours				

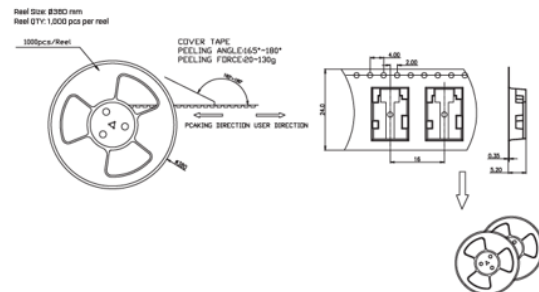
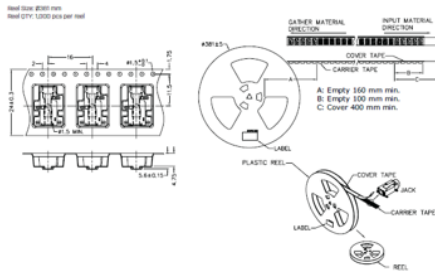
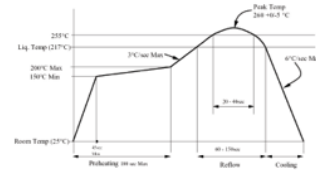
Notes: 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature  $< 30^{\circ}\text{C}$  in relative humidity  $< 65\%$ .  
2. When exceeding floor life by 172 hours.



#### SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	$5 \pm 4^{\circ}\text{C}$ 50% humidity				
reflow soldering	see reflow profile	255	260		$^{\circ}\text{C}$

Note: 1. CU Devices recommends usage of the product within 24 hours after 168 h exposure. After 24 hours, CU Devices recommends drying the parts prior to use.



Affected Date Code: 12/8/2022

Product Availability: Channel Availability mid Q4

Additional Information:

PCN Approval:

F-723-001

Revision: A



Operations/Quality

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Product Management

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