

Product Change Notice (PCN)

Date: 12/20/2022

PCN Number: PCN-0454834R-01

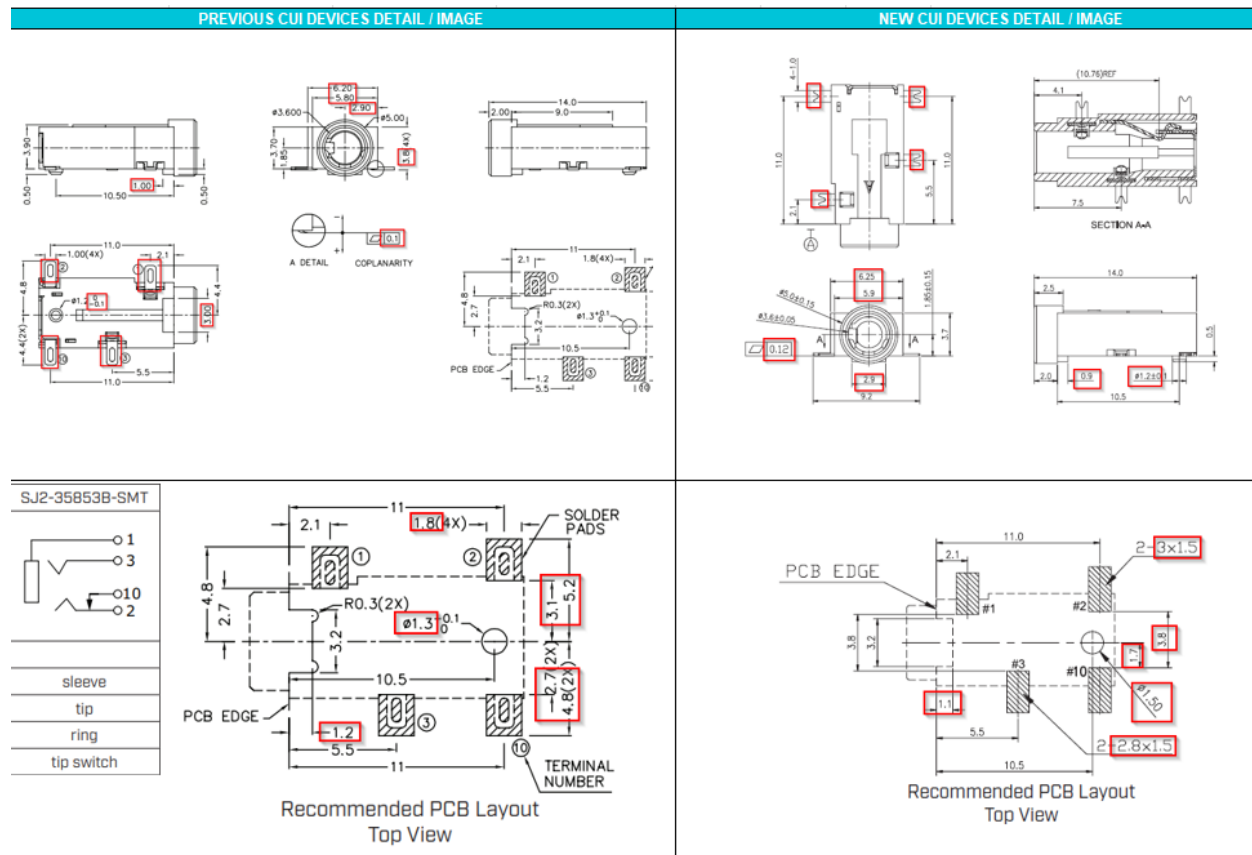
To Our Customers:

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

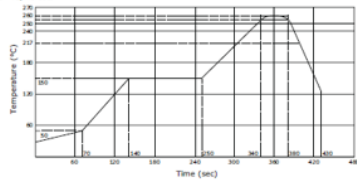
	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 10	brass	silver
plastic	PA10T	

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>< 65\%</math>			43	$^{\circ}\text{C}$
reflow soldering ¹	see reflow profile	255	260	265	$^{\circ}\text{C}$
drying conditions ²	parts in reel: bake at 40 $^{\circ}\text{C}$ +5 $^{\circ}\text{C}$ for 72 hours parts removed from reel: bake at 40 $^{\circ}\text{C}$ +5 $^{\circ}\text{C}$ for 10 hours				

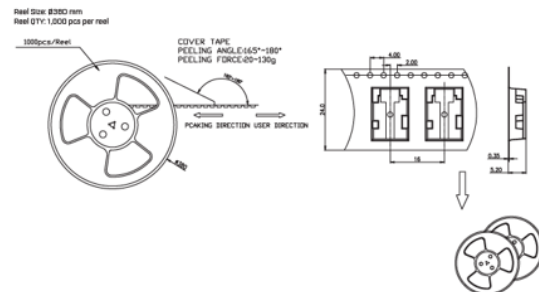
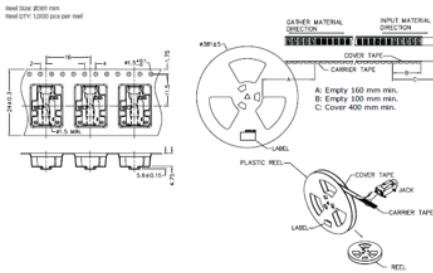
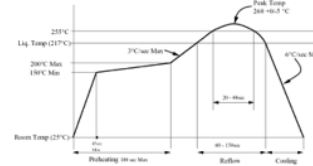
Notes: 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <math>< 30^{\circ}\text{C}</math> in relative humidity <math>< 65\%</math>. 2. When exceeding floor life by >72 hours.



SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at 40 $^{\circ}\text{C}$ 50% humidity			43	$^{\circ}\text{C}$
reflow soldering	see reflow profile	255	260	265	$^{\circ}\text{C}$

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

Product Management
