

Product Change Notice (PCN)

Date: 12/20/2022

PCN Number: PCN-0454834R-01

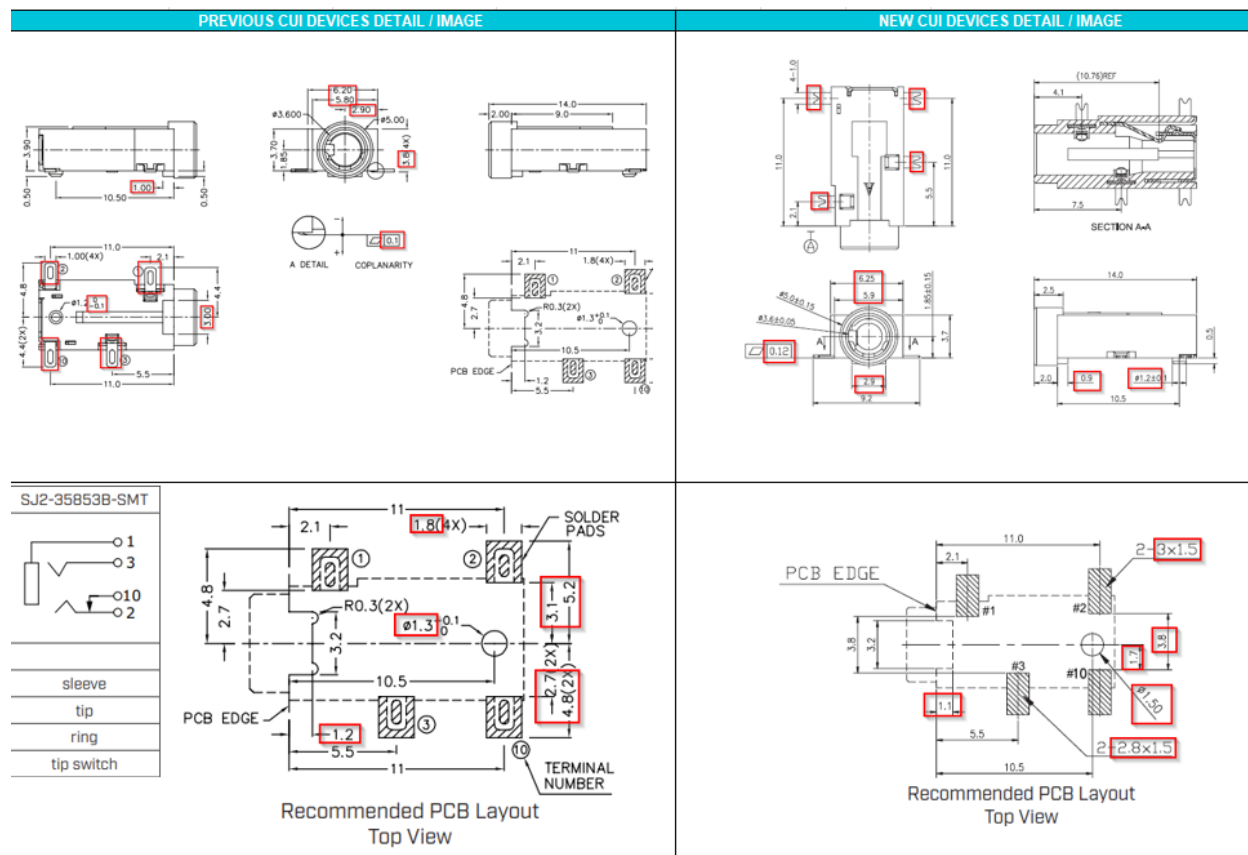
To Our Customers:

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

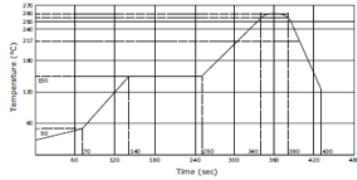
| | MATERIAL | PLATING |
|-------------|--------------|---------|
| terminal 1 | copper alloy | silver |
| terminal 2 | copper alloy | silver |
| terminal 3 | copper alloy | silver |
| terminal 10 | brass | silver |
| plastic | PA10T | |

| 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 | | | | |

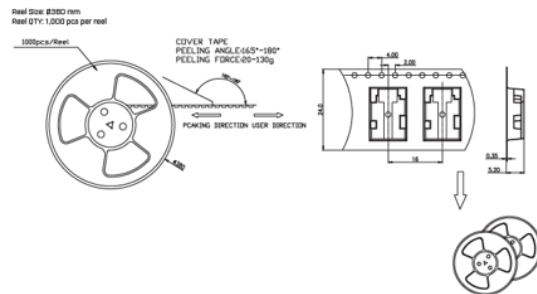
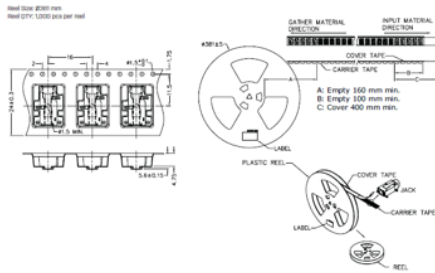
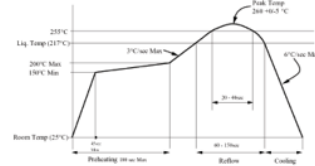
Notes: 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <math>< 30^{\circ}\text{C}</math> in relative humidity <math>< 65\%</math>. 2. When exceeding floor life by >72 hours.



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
