

Product Change Notice (PCN)

Date: **10/27/2023**

PCN Number: **PCN-0454861R-01**

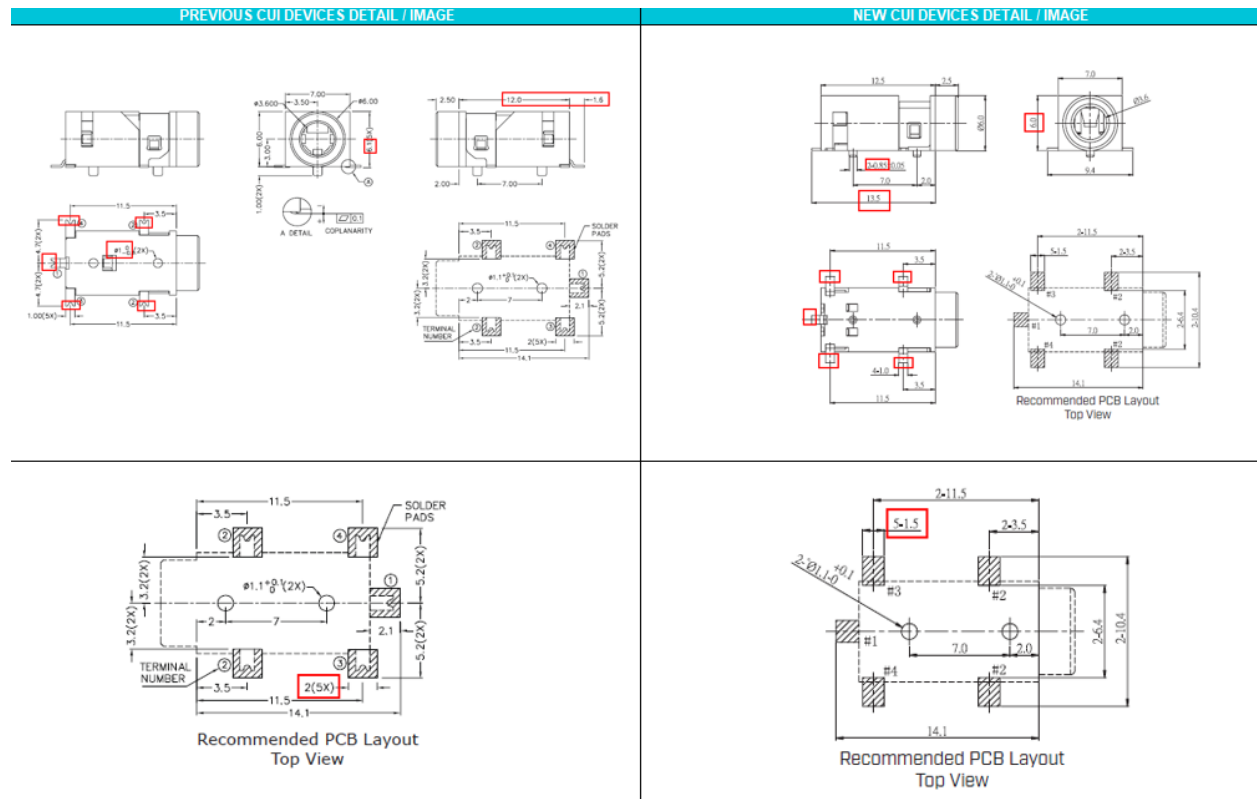
To Our Customers:

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: **SJ2-3514A-SMT-TR**

Reason(s) for Change: **Manufacturing Improvement processes**

Description of Change: **Dimensional & Material Change. See image Below**



| PREVIOUS CUI DEVICES DETAIL / IMAGE | | | NEW CUI DEVICES DETAIL / IMAGE | | |
|-------------------------------------|--------------|---------|--------------------------------|-----------------|---------------|
| | MATERIAL | PLATING | | DESCRIPTION | PLATING/COLOR |
| terminal 1 | copper alloy | silver | terminal 1 | phosphor bronze | silver |
| terminal 2 | copper alloy | silver | terminal 2 | phosphor bronze | silver |
| terminal 3 | copper alloy | silver | terminal 3 | phosphor bronze | silver |
| terminal 4 | copper alloy | silver | terminal 4 | phosphor bronze | silver |
| plastic | PA10T | | housing | PA9T (UL94V-0) | black |

SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|---------------------------------|--|-----|-------|-----------|----------|
| rated input voltage | | | 12 | | Vdc |
| rated input current | | | | 1 | A |
| contact resistance ¹ | between terminal and mating plug between terminal in a closed circuit | | | 150 30 | mΩ mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | for 1 minute | | | 500 | Vac |
| insertion/withdrawal force | | 0.3 | | 3 | kg |
| operating temperature | | -25 | | 85 | °C |
| life | at a rate of 24 cycles/minute | | 5,000 | | cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |

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| RoHS | yes | | | | |

SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|-------------------------------|---------------------------|-----|-----|-----|-------|
| reel storage | at relative humidity <80% | | | 40 | °C |
| reflow soldering ¹ | see reflow profile | 255 | 260 | 265 | °C |

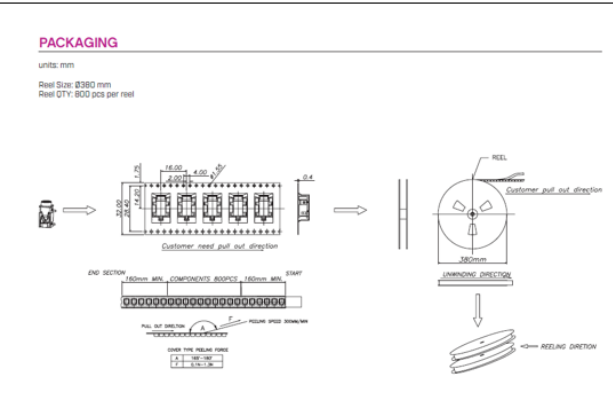
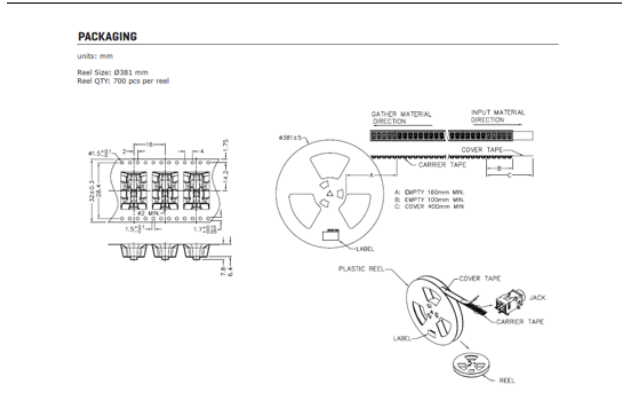
drying conditions²
 parts in reel: bake at 40°C ±5°C for 72 hours
 parts removed from reel: bake at 40°C ±5°C for 10 hours

Note:
 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
 2. When exceeding floor life by >72 hours.

SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|------------------|------------------------|-----|-----|-----|-------|
| reel storage | <40°C, <80% humidity | | | | |
| reflow soldering | see reflow profile | 255 | 260 | 265 | °C |

Note:
 1. CUI Devices recommends usage of the product within 24 hours after TSS is opened. After 24 hours, CUI Devices recommends drying the parts prior to use.





Affected Date Code: **10/01/2023**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

A handwritten signature in black ink, appearing to read "Robert Aguirre", written over a horizontal line.

Product Management

A handwritten signature in black ink, appearing to read "J. [unclear]", written over a horizontal line. The signature is contained within a light gray rectangular box.