

# Product Change Notice (PCN)

Date: **09/08/2023**

PCN Number: **PCN-0451547R-01**

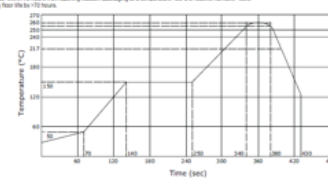
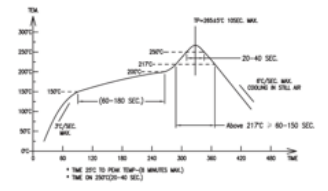
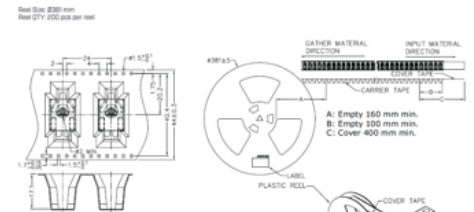
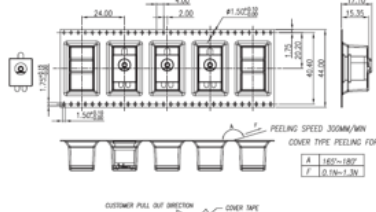
To Our Customers:

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: **PJ-015AH-SMT-TR**

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

Description of Change: **Packaging and Material change. See image Below**

| PREVIOUS CUI DEVICES DETAIL / IMAGE   |  |                        | NEW CUI DEVICES DETAIL / IMAGE   |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
|---|--|------------------------|--|------------|---------------|--------|--------------|---------------------------|--------|------------|--------------|--------|------------------|--------------------|--------|---------|---------------------------|----|--------------------|--|--|-------------|----------|---------------|------------|--------------|---|------------|------------------------|--------|------------|--------------|--------|--------------|---|--------|---------|----------------------|-------|------------------|--------------------|-----|-----|-----|----|--|--|
| <table border="1"> <thead> <tr> <th></th> <th>MATERIAL</th> <th>PLATING</th> </tr> </thead> <tbody> <tr> <td>center pin</td> <td><b>copper</b></td> <td>nickel</td> </tr> <tr> <td>terminal 1</td> <td>brass</td> <td>silver</td> </tr> <tr> <td>terminal 2</td> <td>copper alloy</td> <td>silver</td> </tr> <tr> <td>terminal 3</td> <td>brass</td> <td>silver</td> </tr> <tr> <td>plastic</td> <td><b>PAST or equivalent</b></td> <td></td> </tr> </tbody> </table>   |  | MATERIAL               | PLATING  | center pin | <b>copper</b> | nickel | terminal 1   | brass                     | silver | terminal 2 | copper alloy | silver | terminal 3       | brass              | silver | plastic | <b>PAST or equivalent</b> |    |                    |  | <table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>MATERIAL</th> <th>PLATING/COLOR</th> </tr> </thead> <tbody> <tr> <td>center pin</td> <td><b>brass</b></td> <td>nickel</td> </tr> <tr> <td>terminal 1</td> <td>brass</td> <td>silver</td> </tr> <tr> <td>terminal 2</td> <td>copper alloy</td> <td>silver</td> </tr> <tr> <td>terminal 3</td> <td><b>brass</b></td> <td>silver</td> </tr> <tr> <td>housing</td> <td><b>PA10T</b> UL94V-0</td> <td>black</td> </tr> </tbody> </table> | DESCRIPTION | MATERIAL | PLATING/COLOR | center pin | <b>brass</b> | nickel  | terminal 1 | brass                  | silver | terminal 2 | copper alloy | silver | terminal 3   | <b>brass</b>  | silver | housing | <b>PA10T</b> UL94V-0 | black |                  |                    |     |     |     |    |  |  |
|   | MATERIAL   | PLATING                |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| center pin  | <b>copper</b>  | nickel                 |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| terminal 1  | brass  | silver                 |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| terminal 2  | copper alloy   | silver                 |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| terminal 3  | brass  | silver                 |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| plastic   | <b>PAST or equivalent</b>  |                        |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| DESCRIPTION   | MATERIAL   | PLATING/COLOR          |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| center pin  | <b>brass</b>   | nickel                 |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| terminal 1  | brass  | silver                 |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| terminal 2  | copper alloy   | silver                 |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| terminal 3  | <b>brass</b>   | silver                 |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| housing   | <b>PA10T</b> UL94V-0   | black                  |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| <p><b>SOLDERABILITY</b></p> <table border="1"> <thead> <tr> <th>parameter</th> <th>conditions/description</th> <th>min</th> <th>typ</th> <th>max</th> <th>units</th> </tr> </thead> <tbody> <tr> <td>reel storage</td> <td>at relative humidity &lt;80%</td> <td></td> <td>40</td> <td></td> <td>°C</td> </tr> <tr> <td>reflow soldering</td> <td>see reflow profile</td> <td>255</td> <td>260</td> <td>265</td> <td>°C</td> </tr> <tr> <td>drying conditions*</td> <td>parts in reel: bake at 40°C ±0.5°C for 72 hours<br/>parts removed from reel: bake at 40°C ±0.5°C for 10 hours</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Notes:<br/>1. Must reflow within 72 hours from leaving vacuum packaging at a temperature &lt;30°C &amp; relative humidity &lt;80%.<br/>2. After unloading from the reel for 10 hours.</p>  | parameter  | conditions/description | min  | typ        | max           | units  | reel storage | at relative humidity <80% |        | 40         |              | °C     | reflow soldering | see reflow profile | 255    | 260     | 265                       | °C | drying conditions* | parts in reel: bake at 40°C ±0.5°C for 72 hours<br>parts removed from reel: bake at 40°C ±0.5°C for 10 hours |  |             |          |               |            |              | <p><b>SOLDERABILITY</b></p> <table border="1"> <thead> <tr> <th>parameter</th> <th>conditions/description</th> <th>min</th> <th>typ</th> <th>max</th> <th>units</th> </tr> </thead> <tbody> <tr> <td>reel storage</td> <td>&lt;30°C, 25-80% humidity<br/>reel opened: use within 1 month<br/>reel unopened: use within 6 months</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>reflow soldering</td> <td>see reflow profile</td> <td>250</td> <td>255</td> <td>270</td> <td>°C</td> </tr> </tbody> </table> <p>Notes:<br/>1. CUI Devices recommends usage of the product within 2 hours after TSM is opened. After 6 hours, CUI Devices recommends drying the parts prior to use.</p>  | parameter  | conditions/description | min    | typ        | max          | units  | reel storage | <30°C, 25-80% humidity<br>reel opened: use within 1 month<br>reel unopened: use within 6 months |        |         |                      |       | reflow soldering | see reflow profile | 250 | 255 | 270 | °C |  |  |
| parameter   | conditions/description   | min                    | typ  | max        | units         |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| reel storage  | at relative humidity <80%  |                        | 40   |            | °C            |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| reflow soldering  | see reflow profile   | 255                    | 260  | 265        | °C            |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| drying conditions*  | parts in reel: bake at 40°C ±0.5°C for 72 hours<br>parts removed from reel: bake at 40°C ±0.5°C for 10 hours |                        |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| parameter   | conditions/description   | min                    | typ  | max        | units         |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| reel storage  | <30°C, 25-80% humidity<br>reel opened: use within 1 month<br>reel unopened: use within 6 months              |                        |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
| reflow soldering  | see reflow profile   | 250                    | 255  | 270        | °C            |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |
|    |  |                        |  |            |               |        |              |                           |        |            |              |        |                  |                    |        |         |                           |    |                    |  |  |             |          |               |            |              |   |            |                        |        |            |              |        |              |   |        |         |                      |       |                  |                    |     |     |     |    |  |  |

F-723-001

Revision: A



Affected Date Code: **09/07/2023**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

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

Product Management

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