

# Product Change Notice (PCN)

Date: **08/3/2023**

PCN Number: **PCN-0450006R-01**

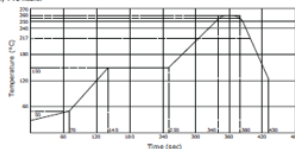
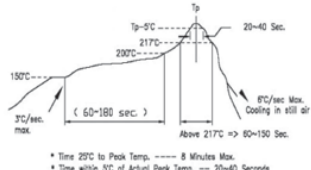
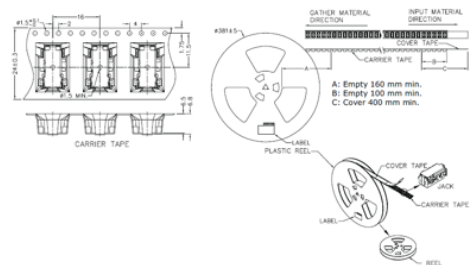
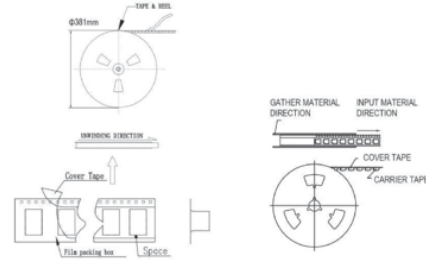
To Our Customers:

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: **SJ-3503-SMT-TR**

Reason(s) for Change: **Data Update**

Description of Change: **Solder Profile Difference. See image Below**

PREVIOUS CUI DEVICES DETAIL / IMAGE	NEW CUI DEVICES DETAIL / IMAGE																																																
<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>reflow storage</td> <td>at relative humidity &lt;30%</td> <td></td> <td></td> <td>40</td> <td>°C</td> </tr> <tr> <td>reflow soldering<sup>1</sup></td> <td>see reflow profile</td> <td>255</td> <td>260</td> <td>265</td> <td>°C</td> </tr> <tr> <td>drying conditions<sup>2</sup></td> <td>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</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Notes:            1. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature &lt;30°C &amp; relative humidity &lt;60%.            2. When exceeding floor life by &gt;72 hours.</p> 	parameter	conditions/description	min	typ	max	units	reflow storage	at relative humidity <30%			40	°C	reflow soldering <sup>1</sup>	see reflow profile	255	260	265	°C	drying conditions <sup>2</sup>	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					<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>reflow storage</td> <td>10-30°C, &lt;70% humidity</td> <td></td> <td></td> <td></td> <td>°C</td> </tr> <tr> <td>reflow soldering<sup>1</sup></td> <td>see reflow profile</td> <td>255</td> <td>260</td> <td></td> <td>°C</td> </tr> <tr> <td>drying conditions<sup>2</sup></td> <td>parts in reel: bake at 110°C for 4 hours parts removed from reel: bake at 110°C for 4 hours</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Notes:            1. CUI Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature &lt;30°C &amp; relative humidity &lt;60%.            2. When exceeding floor life by &gt;60 hours.</p> 	parameter	conditions/description	min	typ	max	units	reflow storage	10-30°C, <70% humidity				°C	reflow soldering <sup>1</sup>	see reflow profile	255	260		°C	drying conditions <sup>2</sup>	parts in reel: bake at 110°C for 4 hours parts removed from reel: bake at 110°C for 4 hours				
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<p>Reel Size: Ø381 mm Reel QTY: 850 pcs per reel</p>  <p>Labels: LABEL, PLASTIC REEL, COVER TAPE, CARRIER TAPE, REEL</p> <p>Dimensions: #1 SC, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #100</p> <p>Labels: GATHER MATERIAL DIRECTION, INPUT MATERIAL DIRECTION, CARRIER TAPE, COVER TAPE, LABEL, PLASTIC REEL, COVER TAPE, CARRIER TAPE, REEL</p> <p>Dimensions: A: Empty 160 mm min., B: Empty 100 mm min., C: Cover 400 mm min.</p>	<p>Reel Size: Ø381 mm Reel QTY: 850 pcs per reel</p>  <p>Labels: GATHER MATERIAL DIRECTION, INPUT MATERIAL DIRECTION, CARRIER TAPE, COVER TAPE, LABEL, PLASTIC REEL, COVER TAPE, CARRIER TAPE, REEL</p> <p>Dimensions: #1 SC, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #100</p> <p>Labels: GATHER MATERIAL DIRECTION, INPUT MATERIAL DIRECTION, CARRIER TAPE, COVER TAPE, LABEL, PLASTIC REEL, COVER TAPE, CARRIER TAPE, REEL</p> <p>Dimensions: A: Empty 160 mm min., B: Empty 100 mm min., C: Cover 400 mm min.</p>																																																



Affected Date Code: **03/31/2023**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

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

Product Management

A handwritten signature in black ink is written over a horizontal line. The signature is partially obscured by a light gray rectangular box.