

Product Change Notice (PCN)

Date: 07/19/2024

PCN Number: PCN-0456234R-01

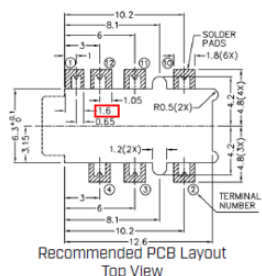
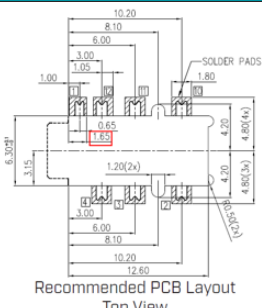
To Our Customers:

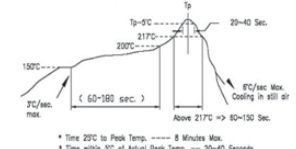
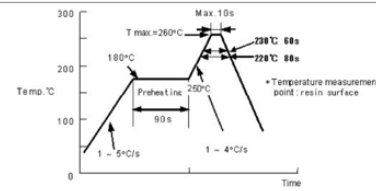
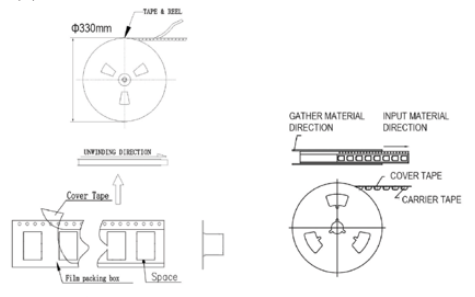
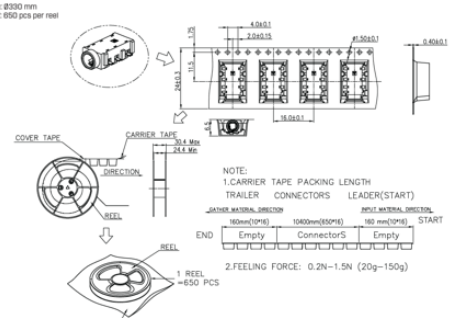
We appreciate your use of our products. Our commitment in maintaining and improving processes is demonstrated by plans to enhance our product quality, reliability, and manufacturability. The purpose of this notice is to inform you of a product change.

Product(s) Affected: *SJ-4361X-SMT-TR Series (SJ-43614-SMT-TR, SJ-43615TS-SMT-TR, SJ-43616-SMT-TR & SJ-43617-SMT-TR*

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

Description of Change: *New Factory Location. Dimensionally Equivalent. Product re-engineered for improved manufacturability and production yield. See image below for reference and check CUI Devices website for updated drawing on or after 09/10/2024. Cosmetic differences may be visible, but will not affect the form, fit, or function of the product.*

PREVIOUS CUI DETAIL / IMAGE	NEW CUI DEVICES DETAIL / IMAGE																								
 <p>Recommended PCB Layout Top View</p>	 <p>Recommended PCB Layout Top View</p>																								
<table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>MATERIAL</th> <th>PLATING/COLOR</th> </tr> </thead> <tbody> <tr> <td>terminal (1-4)</td> <td>copper alloy</td> <td>gold</td> </tr> <tr> <td>terminal (10-12)</td> <td>copper alloy</td> <td>gold</td> </tr> <tr> <td>housing</td> <td>PPA (UL94V-0)</td> <td>black</td> </tr> </tbody> </table>	DESCRIPTION	MATERIAL	PLATING/COLOR	terminal (1-4)	copper alloy	gold	terminal (10-12)	copper alloy	gold	housing	PPA (UL94V-0)	black	<table border="1"> <thead> <tr> <th>DESCRIPTION</th> <th>MATERIAL</th> <th>PLATING/COLOR</th> </tr> </thead> <tbody> <tr> <td>terminal (1-4)</td> <td>copper alloy</td> <td>gold flash over nickel</td> </tr> <tr> <td>terminal (10-12)</td> <td>copper alloy</td> <td>gold flash over nickel</td> </tr> <tr> <td>housing</td> <td>PA10T (UL94V-0)</td> <td>black</td> </tr> </tbody> </table>	DESCRIPTION	MATERIAL	PLATING/COLOR	terminal (1-4)	copper alloy	gold flash over nickel	terminal (10-12)	copper alloy	gold flash over nickel	housing	PA10T (UL94V-0)	black
DESCRIPTION	MATERIAL	PLATING/COLOR																							
terminal (1-4)	copper alloy	gold																							
terminal (10-12)	copper alloy	gold																							
housing	PPA (UL94V-0)	black																							
DESCRIPTION	MATERIAL	PLATING/COLOR																							
terminal (1-4)	copper alloy	gold flash over nickel																							
terminal (10-12)	copper alloy	gold flash over nickel																							
housing	PA10T (UL94V-0)	black																							

PREVIOUS CUI DETAIL / IMAGE	NEW CUI DEVICES DETAIL / IMAGE																																																
<p>SOLDERABILITY</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>10-30°C, <75% humidity</td> <td></td> <td></td> <td></td> <td>°C</td> </tr> <tr> <td>reflow soldering¹</td> <td>see reflow profile</td> <td>255</td> <td>260</td> <td></td> <td>°C</td> </tr> <tr> <td>drying conditions²</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><small>Note:</small></p> <ol style="list-style-type: none"> Old Devices recommendations to solder within 72 hours from opening secure packaging at a temperature <10°C @ relative humidity <40%. When exceeding their life by <240 hours.  <p> <ul style="list-style-type: none"> * Time 25°C to Peak Temp. --- 8 Minutes Max. * Time within 5°C of Actual Peak Temp. --- 30-40 Seconds </p>	parameter	conditions/description	min	typ	max	units	reel storage	10-30°C, <75% humidity				°C	reflow soldering ¹	see reflow profile	255	260		°C	drying conditions ²	parts in reel: bake at 110°C for 4 hours parts removed from reel: bake at 110°C for 4 hours					<p>SOLDERABILITY</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>5-35°C, <75% humidity</td> <td></td> <td></td> <td></td> <td>°C</td> </tr> <tr> <td>reflow soldering</td> <td>see reflow profile</td> <td></td> <td></td> <td>260</td> <td>°C</td> </tr> <tr> <td>drying conditions</td> <td>bake at 120°C for 4 hours</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> 	parameter	conditions/description	min	typ	max	units	reel storage	5-35°C, <75% humidity				°C	reflow soldering	see reflow profile			260	°C	drying conditions	bake at 120°C for 4 hours				
parameter	conditions/description	min	typ	max	units																																												
reel storage	10-30°C, <75% humidity				°C																																												
reflow soldering ¹	see reflow profile	255	260		°C																																												
drying conditions ²	parts in reel: bake at 110°C for 4 hours parts removed from reel: bake at 110°C for 4 hours																																																
parameter	conditions/description	min	typ	max	units																																												
reel storage	5-35°C, <75% humidity				°C																																												
reflow soldering	see reflow profile			260	°C																																												
drying conditions	bake at 120°C for 4 hours																																																
<p>PACKAGING</p> <p>units: mm</p> <p>Reel Size: 8330 mm Reel QTY: 650 pcs per reel</p>  <p>650pcs*1=650pcs</p>	<p>PACKAGING</p> <p>units: mm</p> <p>Reel Size: 8330 mm Reel QTY: 650 pcs per reel</p>  <p>NOTE:</p> <ol style="list-style-type: none"> CARRIER TAPE PACKING LENGTH TRAILER CONNECTORS LEADER(START) JANIS MATERIAL DIRECTION 180mm(10*6) 1000mm(650*6) 180mm(10*6) START END Empty ConnectorS Empty FEELING FORCE: 0.2N-1.5N (20g-150g) <p>1 REEL = 650 PCS</p>																																																

Affected Date Code: All orders placed before **09/15/2024** will be pre-PCN parts. Orders placed after **09/15/2024** will be manufactured in accordance with the PCN. Please check updated 2D drawing on or after **09/15/2024**.

PCN Approval:

Operations/Quality



Product Management

