

Product Change Notice (PCN)

Date: **4/19/2023**

PCN Number: **PCN-0454731R-01**

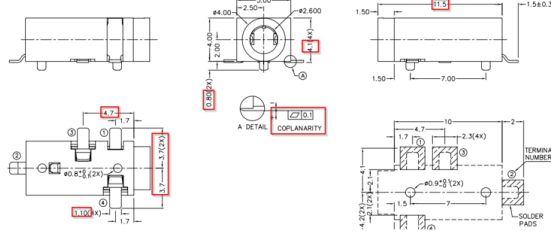
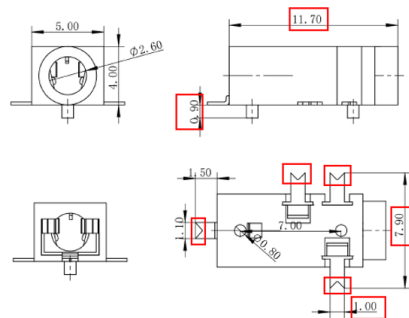
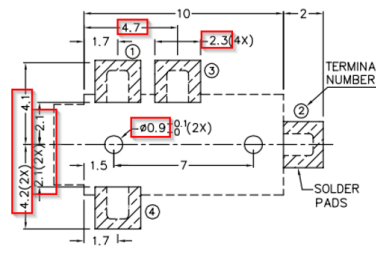
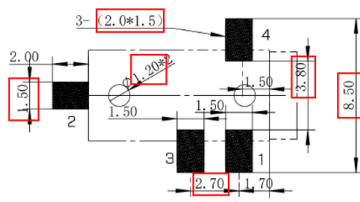
To Our Customers:

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-2504A-SMT-TR

Reason(s) for Change: *Manufacturing process improvements*

Description of Change: mechanical, material, packaging, and soldering differences as shown below:

PREVIOUS CUI DEVICES DETAIL / IMAGE	NEW CUI DEVICES DETAIL / IMAGE																																				
																																					
 <p>Recommended PCB Layout Top View</p>	 <p>Recommended PCB Layout Top View</p>																																				
<table><tr><th></th><th>MATERIAL</th><th>PLATING</th></tr><tr><td>terminal 1</td><td>copper alloy</td><td>silver</td></tr><tr><td>terminal 2</td><td>copper alloy</td><td>silver</td></tr><tr><td>terminal 3</td><td>copper alloy</td><td>silver</td></tr><tr><td>terminal 4</td><td>copper alloy</td><td>silver</td></tr><tr><td>plastic</td><td>PA10T</td><td></td></tr></table>		MATERIAL	PLATING	terminal 1	copper alloy	silver	terminal 2	copper alloy	silver	terminal 3	copper alloy	silver	terminal 4	copper alloy	silver	plastic	PA10T		<table><tr><th>DESCRIPTION</th><th>MATERIAL</th><th>PLATING/COLOR</th></tr><tr><td>terminal 1</td><td>phosphorus bronze</td><td>silver</td></tr><tr><td>terminal 2</td><td>phosphorus bronze</td><td>silver</td></tr><tr><td>terminal 3</td><td>phosphorus bronze</td><td>silver</td></tr><tr><td>terminal 4</td><td>phosphorus bronze</td><td>silver</td></tr><tr><td>housing</td><td>PPA [UL94V-0]</td><td>black</td></tr></table>	DESCRIPTION	MATERIAL	PLATING/COLOR	terminal 1	phosphorus bronze	silver	terminal 2	phosphorus bronze	silver	terminal 3	phosphorus bronze	silver	terminal 4	phosphorus bronze	silver	housing	PPA [UL94V-0]	black
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F-723-001

Revision: A

SOLDERABILITY

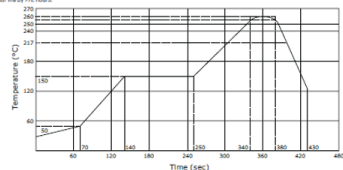
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <60%			400	°C
reflow soldering	see reflow profile	255	260	265	°C

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

Notes:

1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <100°C & relative humidity <60%.

2. When uncoiling from the reel (100 hours).



SOLDERABILITY

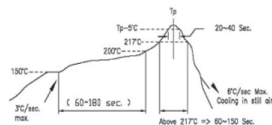
parameter	conditions/description	min	typ	max	units
reel storage	10-30°C, <70% humidity				°C
reflow soldering	see reflow profile	255	260		°C

drying conditions² parts in reel bake at 110°C for 4 hours
parts removed from reel bake at 110°C for 4 hours

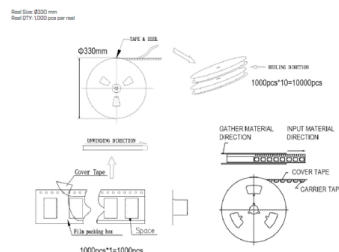
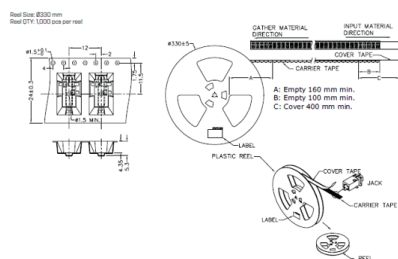
Notes:

1. CuI Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature <100°C & relative humidity <60%.

2. When uncoiling from the reel (100 hours).



• Time 25°C to Peak Temp. --- 8 Minutes Max.
• Time within 5°C of Actual Peak Temp. --- 20-40 Seconds



Affected Date Code: 4/12/23

Product Availability: Channel Availability Q2

Additional Information:

PCN Approval:

Operations/Quality

Rae O'Brien

Product Management

RH