

## Product Change Notice (PCN)

Date: **04/26/2023**

PCN Number: **PCN-0450017R-01**

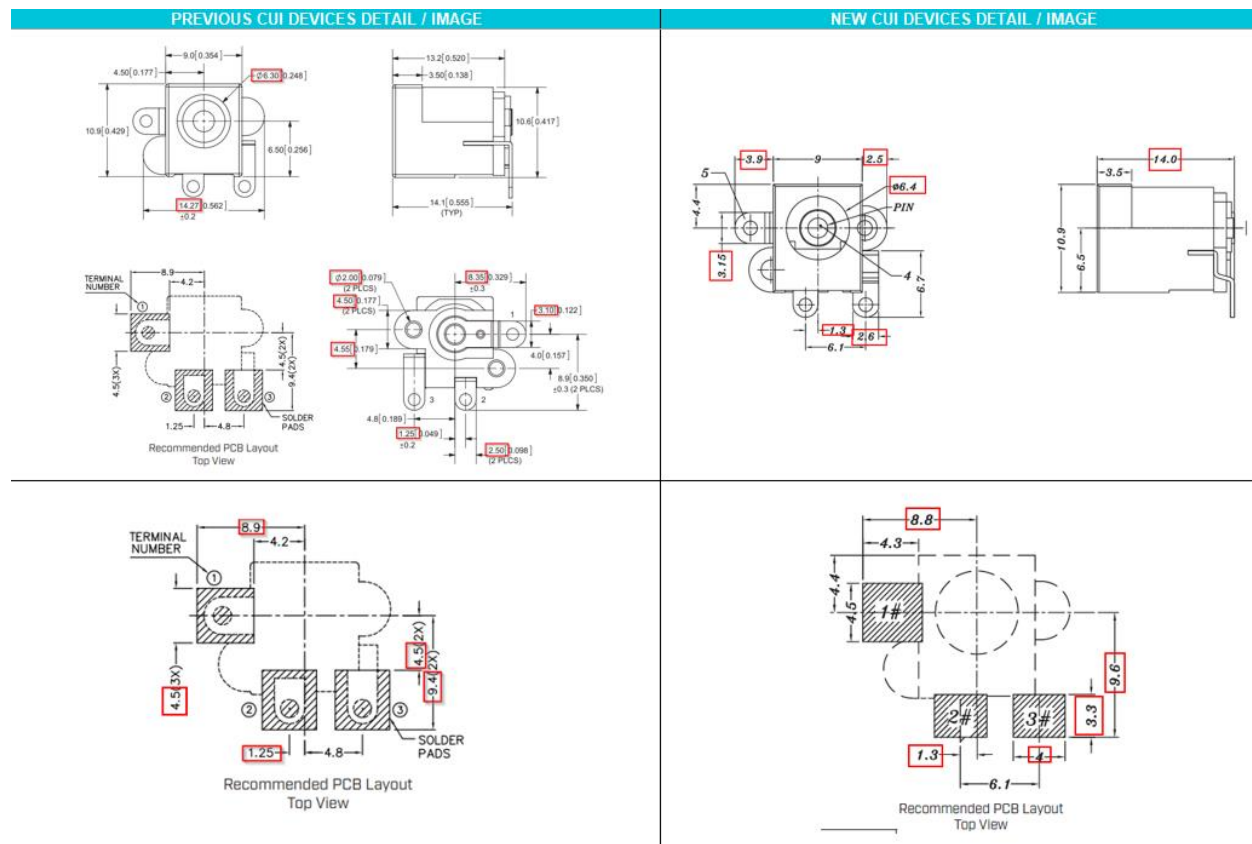
To Our Customers:

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-070AH-SMT-TR**

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

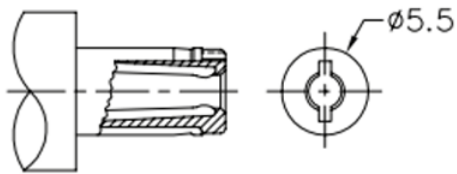
Description of Change: **Housing and footprint differences. Material Change on the housing and terminals. See image Below**



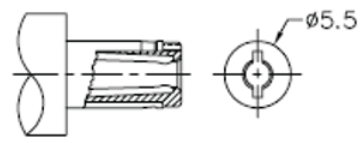
F-723-001

Revision: A

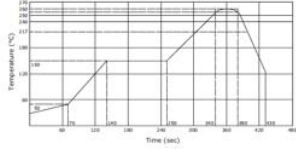
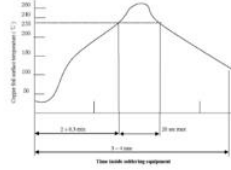
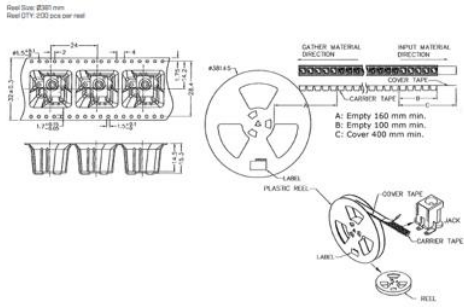
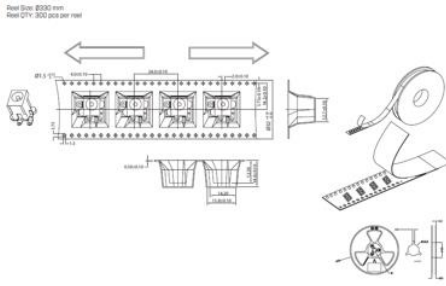
PREVIOUS CUI DEVICES DETAIL / IMAGE			NEW CUI DEVICES DETAIL / IMAGE		
	MATERIAL	PLATING	DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	nickel	center pin	brass	nickel
terminal 1	brass	silver	terminal 1	brass	silver
terminal 2	copper alloy	silver	terminal 2	bronze	silver
terminal 3	brass	silver	terminal 3	brass	silver
plastic	PA6T or equivalent		housing	LCP (UL94V-0)	black
			cover	PA9T (UL94V-0)	black



MATING PLUG  
Jack Insertion Depth: 8.9 mm



MATING PLUG  
Jack Insertion Depth: 8.3 mm

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>reel storage</td> <td>at relative humidity &lt;80%</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±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>Note: 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature &gt;30°C &amp; relative humidity &lt;80%. 2. When exceeding top 90 to &gt;10 hours.</p> 					parameter	conditions/description	min	typ	max	units	reel storage	at relative humidity <80%			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±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>reel storage</td> <td>&lt;30°C, &lt;80% 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></td> <td></td> <td>260</td> <td>°C</td> </tr> <tr> <td>drying conditions</td> <td>parts in reel: bake at 40±5°C for 72 hours parts removed from reel: bake at 40±5°C for 10 hours</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Note: 1. CUI Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature &gt;30°C &amp; relative humidity &lt;80%.</p> 					parameter	conditions/description	min	typ	max	units	reel storage	<30°C, <80% humidity				°C	reflow soldering <sup>1</sup>	see reflow profile			260	°C	drying conditions	parts in reel: bake at 40±5°C for 72 hours parts removed from reel: bake at 40±5°C for 10 hours				
parameter	conditions/description	min	typ	max	units																																																				
reel storage	at relative humidity <80%			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±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours																																																								
parameter	conditions/description	min	typ	max	units																																																				
reel storage	<30°C, <80% humidity				°C																																																				
reflow soldering <sup>1</sup>	see reflow profile			260	°C																																																				
drying conditions	parts in reel: bake at 40±5°C for 72 hours parts removed from reel: bake at 40±5°C for 10 hours																																																								
																																																									

Affected Date Code: **04/18/2023**

Product Availability: **Pertaining to market availability**

PCN Approval:

Operations/Quality

Product Management