

Product Change Notice (PCN)

Date: **12/20/2022**

PCN Number: **PCN-0450889R-01**

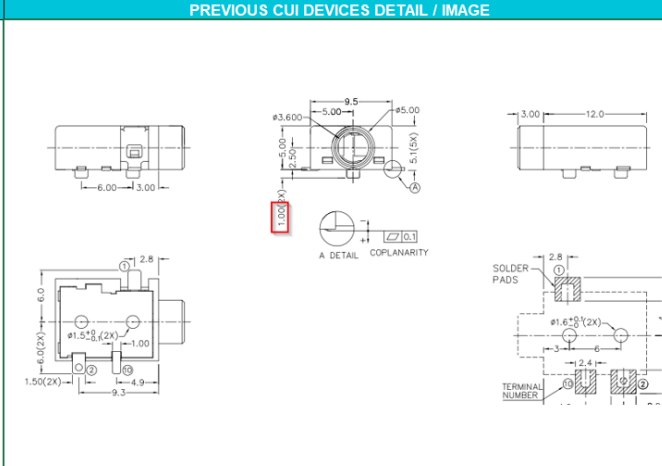
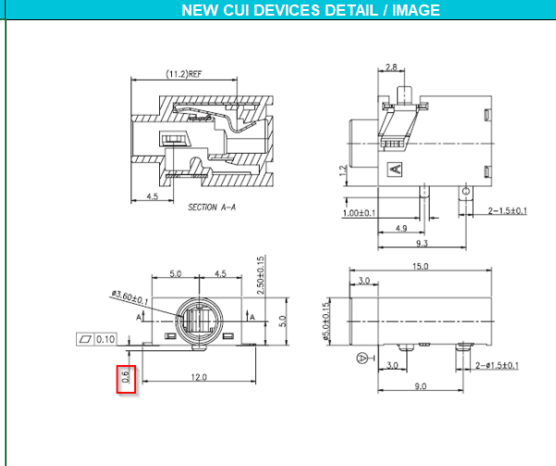
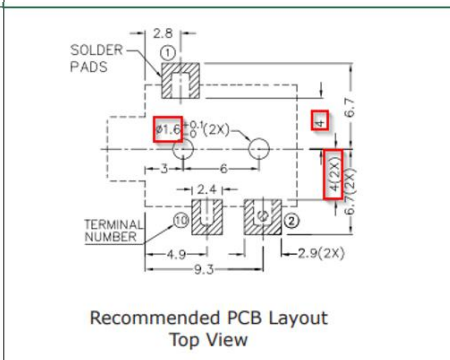






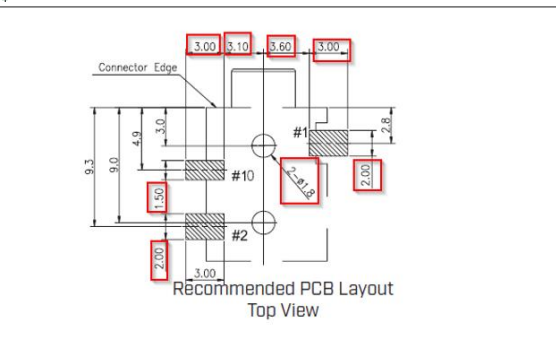



To Our Customers:

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: MJ1-3510-SMT-TR

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

Description of Change: *Mechanical, material, soldering, and packaging changes as shown below:*

PREVIOUS CUI DEVICES DETAIL / IMAGE		NEW CUI DEVICES DETAIL / IMAGE									
											
 <p>Recommended PCB Layout Top View</p>	<table border="1"> <thead> <tr> <th colspan="2">Schematic</th> </tr> </thead> <tbody> <tr> <td></td> <td>1</td> </tr> <tr> <td></td> <td>2</td> </tr> <tr> <td></td> <td>10</td> </tr> </tbody> </table>	Schematic			1		2		10	 <p>Recommended PCB Layout Top View</p>	
Schematic											
	1										
	2										
	10										

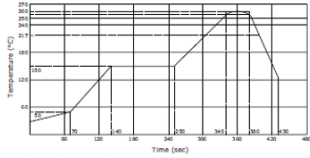
	MATERIAL	PLATING
terminal 1	copper alloy	gold flash
terminal 2	copper alloy	gold flash
terminal 10	brass	gold flash
plastic	PA10T	

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	phosphor bronze t=0.30	gold flash over nickel
terminal 2	phosphor bronze t=0.20	gold flash over nickel
terminal 10	brass t=0.20	gold flash over nickel
housing	PA9T (UL94V-0)	black

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%		40		%C
reflow soldering ¹	see reflow profile	255	260	265	°C

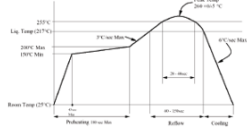
Note: 1. It is recommended to reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.



SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	54%RH, 50°C humidity				
reflow soldering	see reflow profile	255	260	265	°C

Note: 1. CU Devices recommends usage of the product within 24 hours after 150° is opened. After 24 hours, CU Devices recommends drying the parts prior to use.



Affected Date Code: **12/13/2022**

Product Availability: **Channel Availability mid Q4**

Additional Information:

PCN Approval:

Operations/Quality



Product Management

