

Product Change Notice (PCN)

Date: **04/26/2023**

PCN Number: **PCN-0450018R-01**

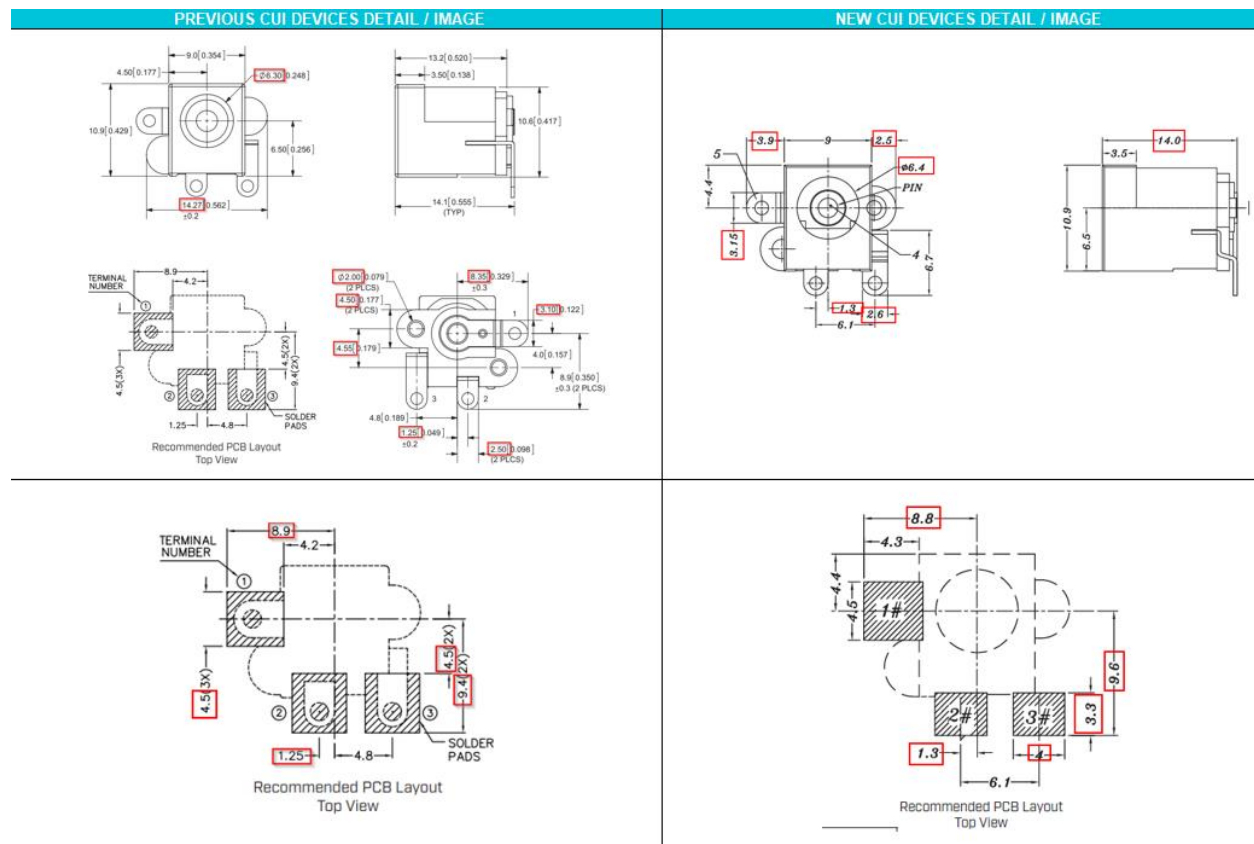
To Our Customers:

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-070BH-SMT-TR**

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

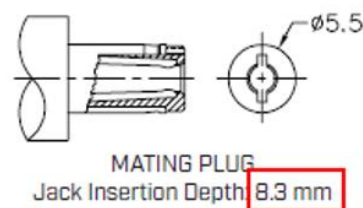
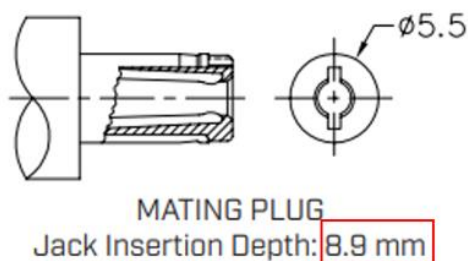
Description of Change: **Housing and footprint differences. Material Change on the housing and terminals. See image Below**

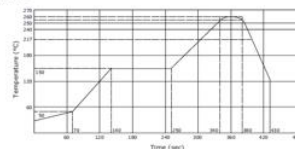
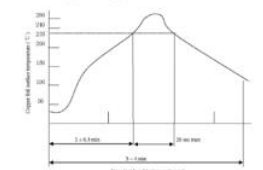


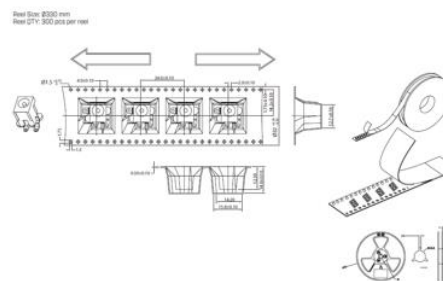
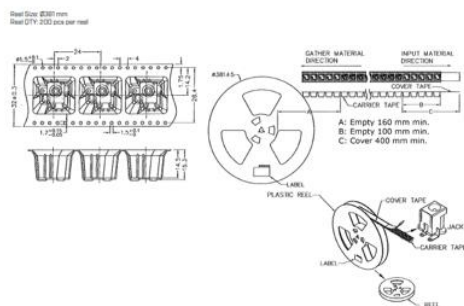
F-723-001

Revision: A

PREVIOUS CUI DEVICES DETAIL / IMAGE			NEW CUI DEVICES DETAIL / IMAGE		
	MATERIAL	PLATING		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	PA6T (UL94V-0)	black



PREVIOUS CUI DEVICES DETAIL / IMAGE					NEW CUI DEVICES DETAIL / IMAGE						
SOLDERABILITY					SOLDERABILITY						
parameter	conditions/description	min	typ	max	units	parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity $\leq 80\%$			40	$^{\circ}\text{C}$	reel storage	$\leq 30^{\circ}\text{C}$, $\leq 80\%$ humidity				$^{\circ}\text{C}$
reflow soldering ¹	see reflow profile	255	260	265	$^{\circ}\text{C}$	reflow soldering ¹	see reflow profile		260		$^{\circ}\text{C}$
drying conditions ²	parts in reel: bake at 40°C $\pm 5^{\circ}\text{C}$ for 72 hours parts removed from reel: bake at 40°C $\pm 5^{\circ}\text{C}$ for 10 hours					drying conditions ²	parts in reel: bake at $40 \pm 5^{\circ}\text{C}$ for 72 hours parts removed from reel: bake at $40 \pm 5^{\circ}\text{C}$ for 10 hours				
<small>Note:</small> 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature $\geq 100^{\circ}\text{C}$ @ relative humidity $\leq 80\%$. 2. When exposing from 40 to 100 hours.					<small>Note:</small> 1. CUI Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature $\geq 100^{\circ}\text{C}$ @ relative humidity $\leq 80\%$.						
											





Affected Date Code: *04/18/2023*

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

A handwritten signature in black ink, appearing to read "Rae O'Brien", is written over a solid black horizontal line.

Product Management

A handwritten signature in black ink, appearing to read "J. [unclear]", is written over a solid black horizontal line. The signature is contained within a light gray rectangular box.