

Product Change Notice (PCN)

Date: **06/30/2023**

PCN Number: **PCN-0450772R-01**

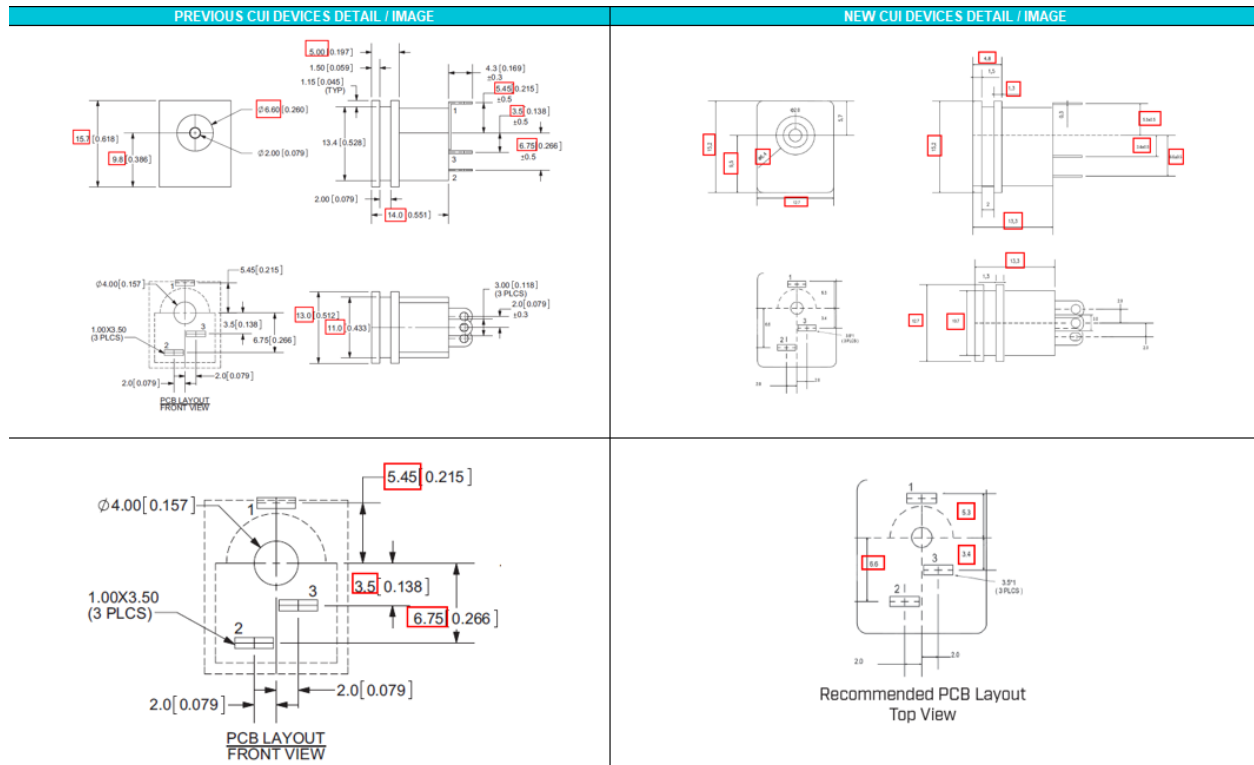
To Our Customers:

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-009A**

Reason(s) for Change: **Tooling and Material Change**

Description of Change: **Slight Dimensional difference. Terminal Material Change See image Below**



PREVIOUS CUI DEVICES DETAIL / IMAGE			NEW CUI DEVICES DETAIL / IMAGE		
	MATERIAL	PLATING	DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	copper	nickel	center pin	brass	nickel
terminal 1	brass	tin	terminal 1	brass	tin
terminal 2	copper alloy	tin	terminal 2	copper alloy	tin
terminal 3	brass	tin	terminal 3	brass	tin
plastic	PBT		housing	PBT (UL94V-0)	black

PREVIOUS CUI DEVICES DETAIL / IMAGE						NEW CUI DEVICES DETAIL / IMAGE						
SPECIFICATIONS						SPECIFICATIONS						
parameter	conditions/description	min	typ	max	units	parameter	conditions/description	min	typ	max	units	
rated input voltage			24		Vdc	rated input voltage			24		Vdc	
rated input current			2.5		A	rated input current				2.5	A	
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ	contact resistance	between terminal and mating plug between terminal in a closed circuit				50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ	insulation resistance	at 500 Vdc	100				MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac	voltage withstand	for 1 minute			500	Vac	
insertion/withdrawal force		0.3		3	kg	insertion/withdrawal force		0.5		2	kg	
terminal strength	any direction for 10 seconds			500	g	operating temperature		-25		85	°C	
operating temperature		-25		85	°C	life			5,000		cycles	
life			5,000		cycles	flammability rating	UL94V-0					
flammability rating	UL94V-0					RoHS	yes					
RoHS	yes											

Note: 1. When measured at a current of less than 100 mA/1 sec

Affected Date Code: **06/30/2023**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

Product Management