

Product Change Notice (PCN)

Date: **06/30/2023**

PCN Number: **PCN-0450855R-01**

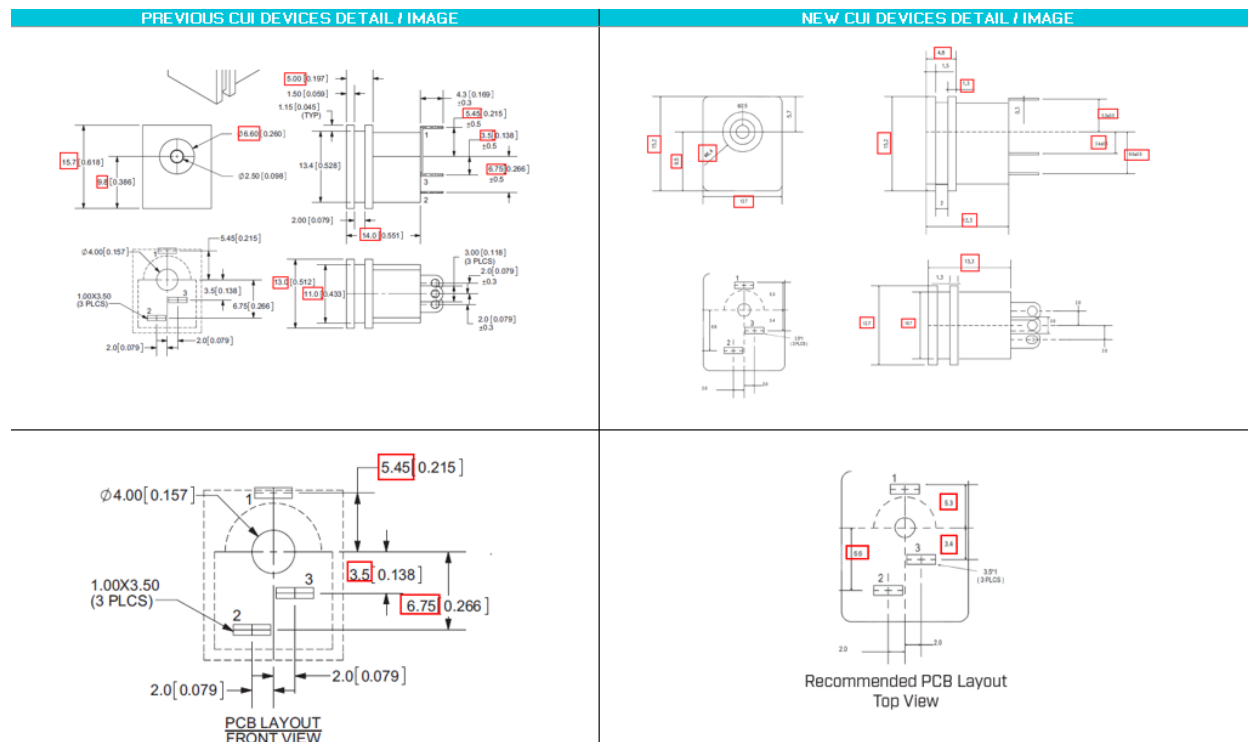
To Our Customers:

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-009B**

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

	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
plastic	PBT	

NEW CUI DEVICES DETAIL / IMAGE

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
housing	PBT (UL94V-0)	

PREVIOUS CUI DEVICES DETAIL / IMAGE

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current			2.5		A
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit		50 30		mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute		500		Vac
insertion/withdrawal force		0.3	3	4	kg
terminal strength	any direction for 10 seconds		500		g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

Note: 1. when measured at a current of less than 100 mA/1 kHz

NEW CUI DEVICES DETAIL / IMAGE

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parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current			2.5		A
contact resistance	between terminal and mating plug between terminal in a closed circuit		50 30		mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute		500		Vac
insertion/withdrawal force			0.5	2	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

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

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

Product Management