

## Product Change Notice (PCN)

Date: **05/12/2023**

PCN Number: **PCN-0450221R-01**

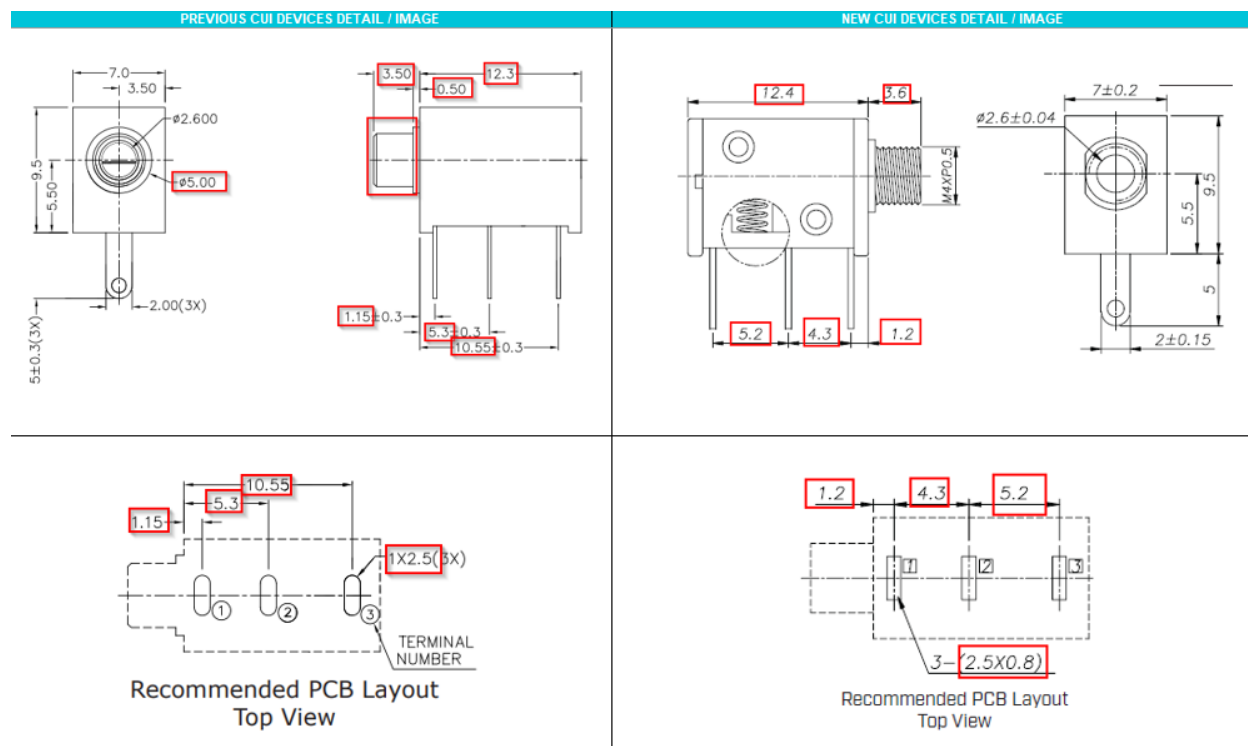
To Our Customers:

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: **MJ-2502**

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

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



PREVIOUS CUI DEVICES DETAIL / IMAGE

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

NEW CUI DEVICES DETAIL / IMAGE

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass	tin
terminal 2	phosphor bronze	tin
terminal 3	brass	tin
bushing	brass	nickel
housing	PBT (UL94V-0)	black
nut	brass	nickel

PREVIOUS CUI DEVICES DETAIL / IMAGE

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current			1		A
contact resistance <sup>1</sup>	between terminal and mating plug		30		mΩ
insulation resistance	between terminal in a closed circuit		30		mΩ
voltage withstand	at 500 Vdc	100			MΩ
insertion/withdrawal force	at 50/60Hz for 1 minute		500		Vac
operating temperature		0.3		3	kg
life		-25		85	°C
RoHS	yes		5,000		cycles

NEW CUI DEVICES DETAIL / IMAGE

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			15		Vdc
rated input current			1		A
contact resistance			30		mΩ
insulation resistance	at 250 Vdc	100			MΩ
voltage withstand	for 1 minute		500		Vac
insertion/withdrawal force		0.3		2.5	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	235	260	265	°C

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 4-8 seconds		250		°C

Affected Date Code: 05/12/2023

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality



Product Management



F-723-001

Revision: A