

# Product Change Notice (PCN)

**Date:** 03/09/2022

**PCN Number:** PCN-0451178R-01

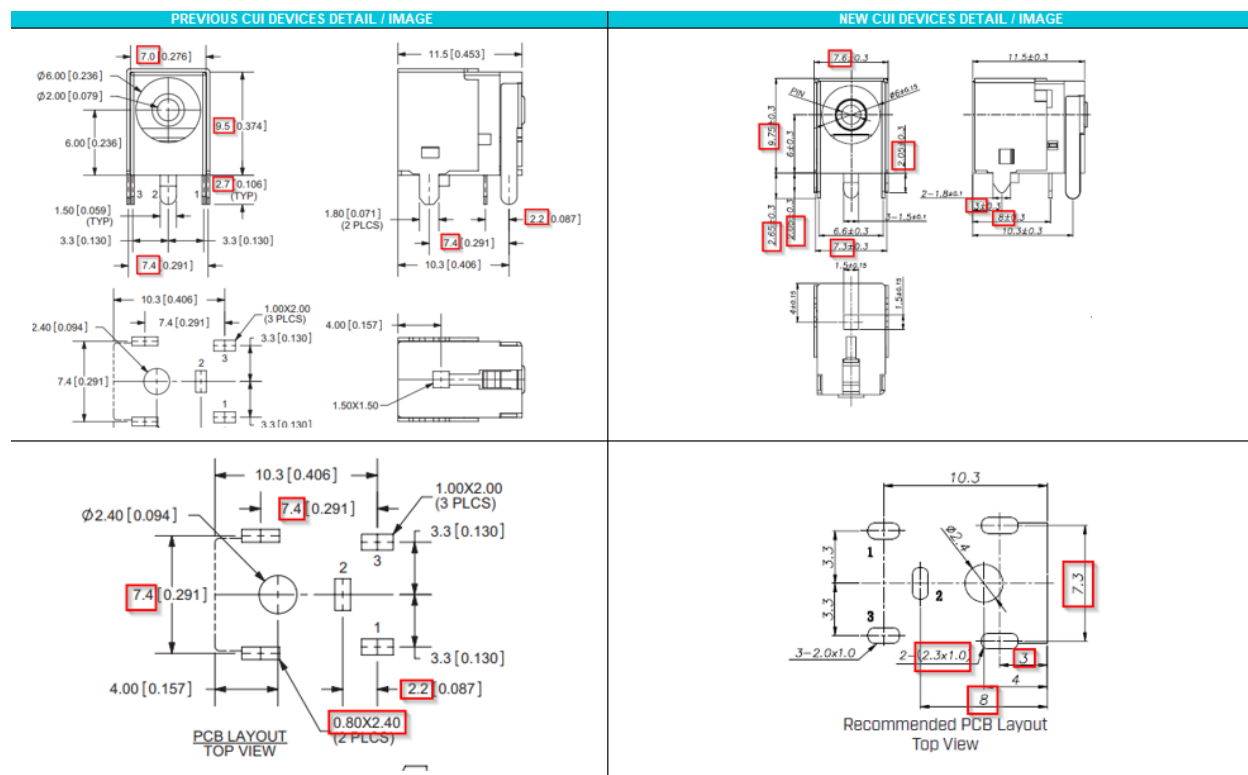
To Our Customers:

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-047A*

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

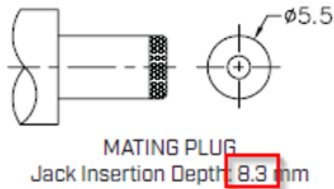
Description of Change: *Minor Housing and footprint differences. Material Change on the housing and terminals. See image Below*



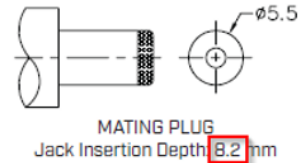
F-723-001

Revision: A

PREVIOUS CUI DEVICES DETAIL / IMAGE		
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
shield	brass	nickel
plastic	PBT	



NEW CUI DEVICES DETAIL / IMAGE		
DESCRIPTION	MATERIAL	PL
center pin	brass	ni
terminal 1	brass t=0.30	sil
terminal 2	SUS301 t=0.30	sil
terminal 3	brass t=0.30	sil
shield	brass t=0.25	ni
housing	PBT (UL94V-0)	bl



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	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	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				

PREVIOUS CUI DEVICES DETAIL / IMAGE					
SOLDERABILITY					
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	280	285	°C

NEW 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	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 250 VDC	100			MΩ
voltage withstand	at 250 VDC for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life				5,000	cycles
flammability rating	UL94V-0				
RoHS	yes				

NEW CUI DEVICES DETAIL / IMAGE					
SOLDERABILITY					
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 4-8 seconds		250		°C



Affected Date Code: *03/06/2023*

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

A handwritten signature in black ink, appearing to read "Robert D. Garcia", written over a horizontal line.

Product Management

A handwritten signature in black ink, appearing to read "J. White", written over a horizontal line.