

Product Change Notice (PCN)

Date: **03/09/2022**

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

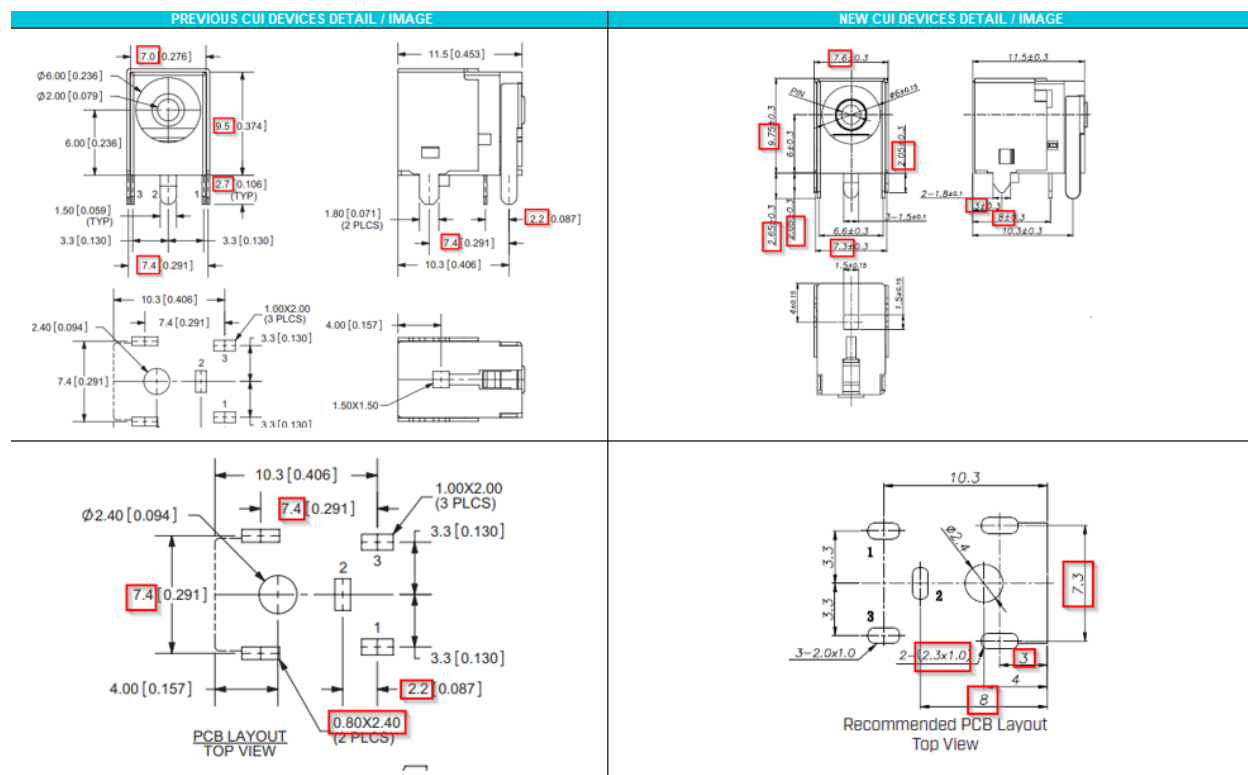
To Our Customers:

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**

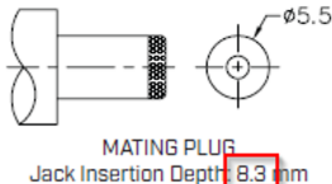
Description of Change: **Minor Housing and footprint differences. Material Change on the housing and terminals. See image Below**



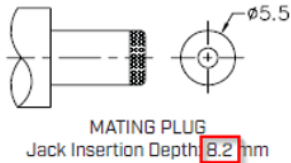
F-723-001

Revision: A

PREVIOUS CUI DEVICES DETAIL / IMAGE				NEW CUI DEVICES DETAIL / IMAGE			
	MATERIAL	PLATING					
center pin	copper	nickel		DESCRIPTION	MATERIAL	PLATING	
terminal 1	brass	tin		center pin	brass	nickel	
terminal 2	copper alloy	tin		terminal 1	brass t=0.30	sil	
terminal 3	brass	tin		terminal 2	SUS301 t=0.30	sil	
shield	brass	nickel		terminal 3	brass t=0.30	sil	
plastic	PBT			shield	brass t=0.25	nickel	
				housing	PBT (UL94V-0)	black	



MATING PLUG
Jack Insertion Depth 8.3 mm



MATING PLUG
Jack Insertion Depth 8.2 mm

PREVIOUS CUI DEVICES DETAIL / IMAGE				NEW CUI DEVICES DETAIL / IMAGE			
SPECIFICATIONS				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		
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				NEW CUI DEVICES DETAIL / IMAGE			
SOLDERABILITY				SOLDERABILITY			
parameter	conditions/description	min	typ	max	units		
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°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 "R. O. Garcia", positioned above a horizontal line.

Product Management

A handwritten signature in black ink, appearing to read "J. H. Garcia", positioned above a horizontal line.