

## **Product Change Notice (PCN)**

Date: 03/09/2022

PCN Number: PCN-0451178R-01

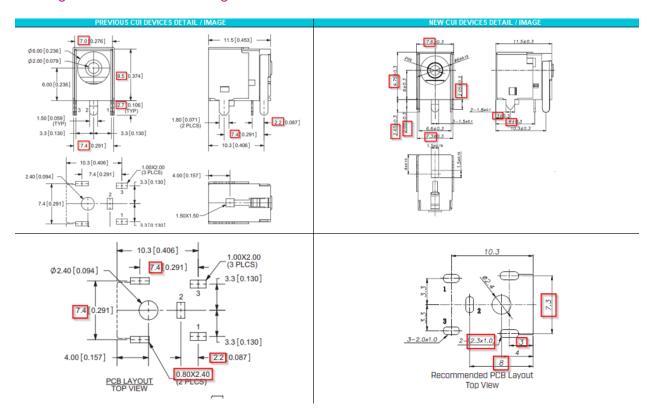
## To Our Customers:

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

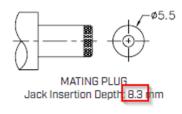


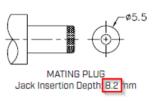
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F	REVIOUS CUI DEVICES DETAIL /	IMAGE
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	brass	tin
shield	brass	nickel
plastic	PBT	

NEW CUI DEVICES DETAIL / IMAGE						
DESCRIPTION	MATERIAL	PL				
center pin	brass	niı				
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	niı				
housing	PBT (UL94V-0)	bli				





	PREVIOUS CUI DEVICES D	ETAIL / IMA	GE				NEW CUI DEVICES DE	TAIL / IMAGE			
SPECIFICATIONS parameter	conditions/description	min	typ	max	units	SPECIFICATIONS					
rated input voltage			24		Vdic	parameter	conditions/description	min	typ	max	units
rated input current				2.5	A	rated input voltage			24		Vdc
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ	rated input current contact resistance				2.5	Α mΩ
insulation resistance	at 500 Vdc	100			MΩ	insulation resistance	at 250 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac	voltage withstand	for 1 minute	100		500	Vac
insertion/withdrawal force		0.3		3	kg	insertion/withdrawal force	TOT THIRIDGE	0.3		3	
terminal strength	any direction for 10 seconds			500	g						kg
operating temperature		-25		85	*C	operating temperature		-25		85	°C
ife			5,000		cycles	life			5,000		cycle
flammability rating RoHS	UL94V-0 ves					flammability rating RoHS	UL94V-0				
DERABILITY						SOLDERABILITY parameter	conditions/description	min	typ	max	units
LDERABILITY	conditions/description	min	typ	max	units		conditions/description dipped in solder pot for 4-8 seconds	min	typ 250	max	unit:

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Affected Date Code: 03/06/2023

Product Availability: Pertaining to market availability

PCN Approval:

Operations/Quality

**Product Management** 

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