

Product Change Notice (PCN)

Date: **03/17/2022**

PCN Number: **PCN-0451180R-01**

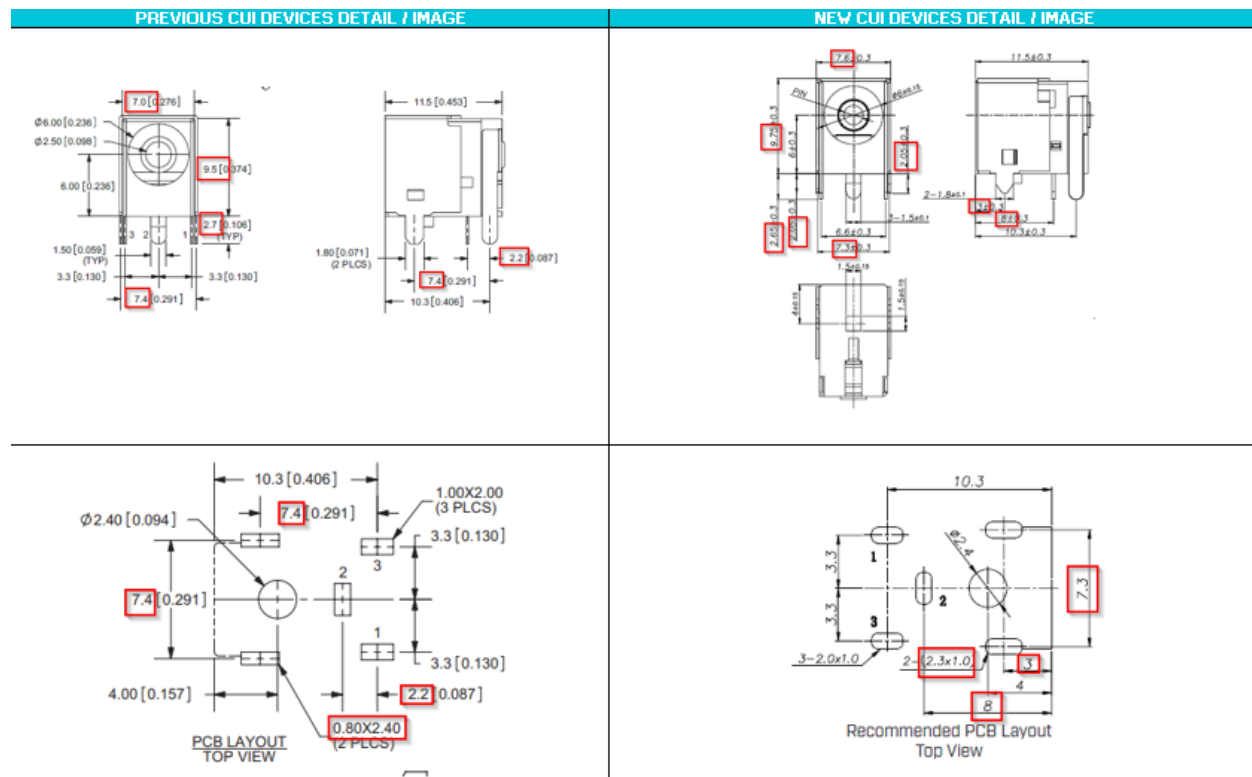
To Our Customers:

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.

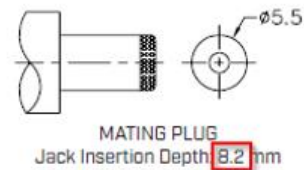
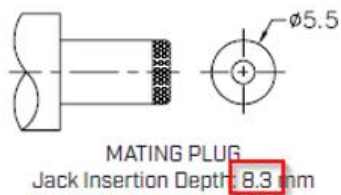
Product(s) Affected: *PJ-047B*

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			NEW CUI DEVICES DETAIL / IMAGE		
	MATERIAL	PLATING			
center pin	copper	nickel	DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass	tin	center pin	brass	nickel
terminal 2	copper alloy	tin	terminal 1	brass t=0.30	silver
terminal 3	brass	tin	terminal 2	SUS301 t=0.30	silver
			terminal 3	brass t=0.30	silver
			shield	brass t=0.25	nickel



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	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				

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				30	mΩ
insulation resistance	at 250 Vdc			100	MΩ
voltage withstand	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				

PREVIOUS CUI DEVICES DETAIL / IMAGE					
SOLDERABILITY					
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5-10.5 seconds	255	260	265	°C

NEW CUI DEVICES DETAIL / IMAGE					
SOLDERABILITY					
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 4-6 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 Griffin", written over a horizontal line.

Product Management

A handwritten signature in black ink, written over a horizontal line. The signature is partially obscured by a light gray rectangular box.