

Product Change Notice (PCN)

Date: **03/17/2023**

PCN Number: **PCN-0451181R-01**

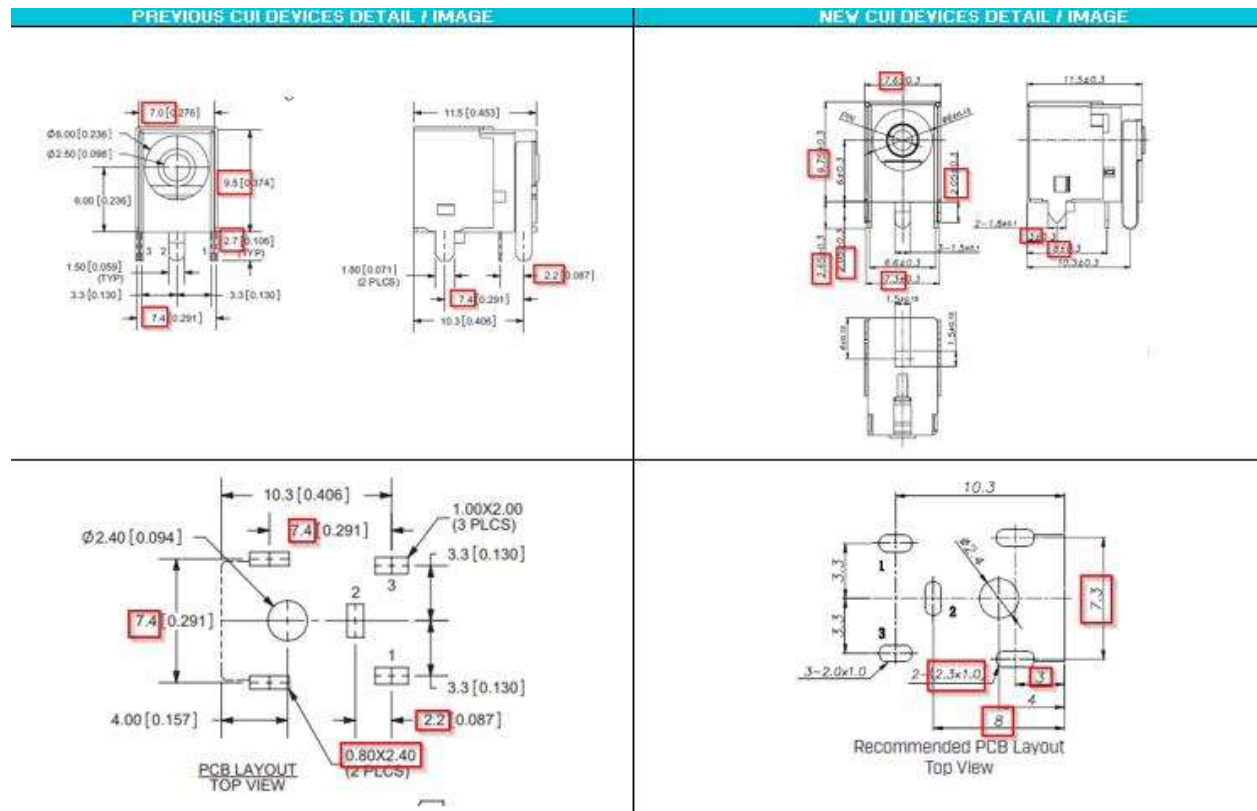
To Our Customers:

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-047BH**

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**



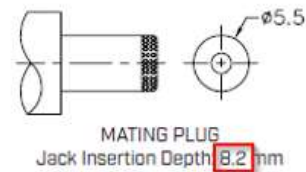
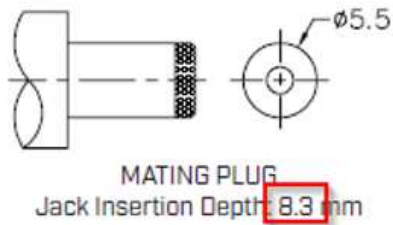
Affected Date Code: **03/01/2023**

F-723-001

Revision: A

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

NEW CUI DEVICES DETAIL / IMAGE		
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	nickel
terminal 1	brass t=0.30	silver
terminal 2	SUS301 t=0.30	silver
terminal 3	brass t=0.30	silver
shield	brass t=0.25	nickel
housing	PBT (UL94V-0)	black



PREVIOUS CUI DEVICES DETAIL / IMAGE					
SPECIFICATIONS					
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				5.0	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 100 SEPC for 1 minute		100		Vdc
insertion/withdraw force		0.3		3	N
terminal length	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				5.0	A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc		100		MΩ
voltage withstand	for 1 minute			100	Vdc
insertion/withdraw force		0.3		3	N
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	250	250	350	°C

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



Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

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

Product Management

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