Product Change Notice (PCN)

Date: 03/09/2022

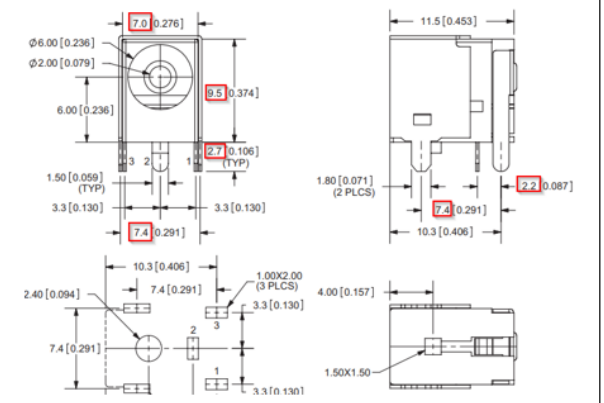
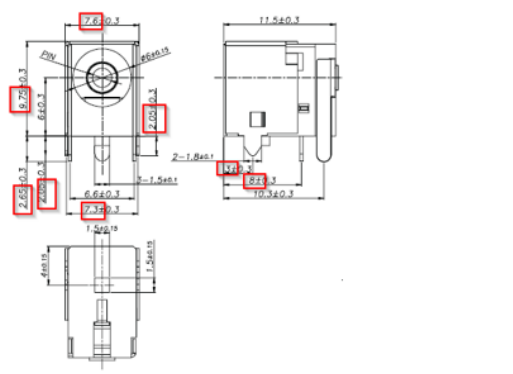
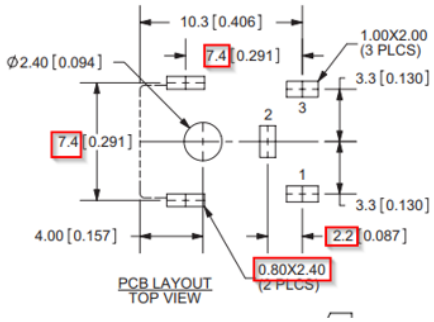
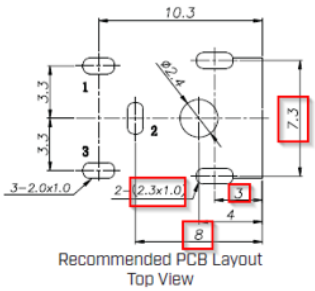
PCN Number: PCN-0451178R-01

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*

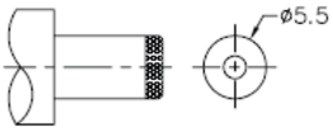
Description of Change: *Minor Housing and footprint differences. Material Change on the housing and terminals. See image Below*

PREVIOUS CUI DEVICES DETAIL / IMAGE	NEW CUI DEVICES DETAIL / IMAGE
	
	

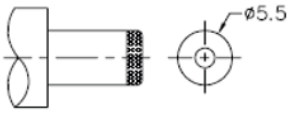
F-723-001 Revision: A

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



MATING PLUG
Jack Insertion Depth: 8.3 mm



MATING PLUG
Jack Insertion Depth: 8.2 mm

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				

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				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 4-6 seconds		250		°C

6405 SW Rosewood St, Ste C • Lake Oswego, OR 97035 • cuidevices.com • 877.323.3576

Affected Date Code: *03/06/2023*

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

Product Management

6405 SW Rosewood St, Ste C • Lake Oswego, OR 97035 • cuidevices.com • 877.323.3576