

Product Change Notice (PCN)

Date: 03/17/2023

PCN Number: PCN-0451181R-01

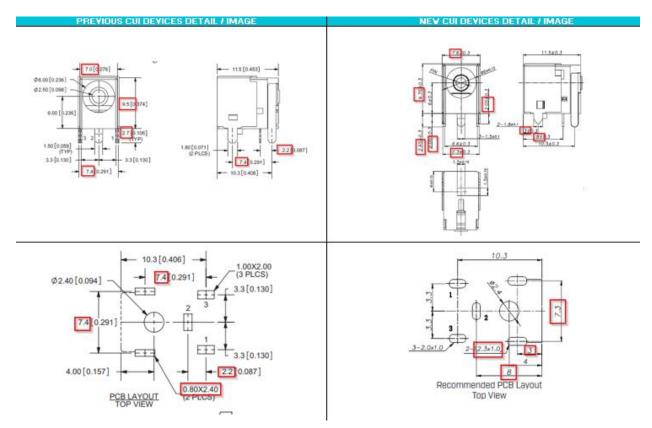
To Our Customers:

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

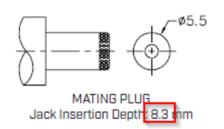


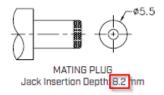
PREVIOUS CUI DEVICES DETAIL / IMAGE

	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				NEW CUI DEVICES DETAIL / IMAGE						
SPECIFICATIONS											
parameter	conditions/description	min	typ	max	units	SPECIFICATIONS					
ated input voltage			24		Vdc	parameter	conditions/description	min	typ	max	units
rated input current				5.0	Α	rated input voltage			24		Vdc
contact resistance ²	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ	rated input current contact resistance				5.0 30	A
nsulation resistance	at 500 Vdc	100			MΩ	Insulation resistance	at 250 VBc	100			MO
voltage withstand	at 50/80Hz for 1 minute			500	Vac	voitage withstand	for 1 minute	100		500	Vac
nsertion/withdrawai force		0.3		3	kg	insertion/withdrawal force	NA THREE A	0.3		onul 0	kg
terminal strength	any direction for 10 seconds			500	Q			-25		85	10
operating temperature		-25		85	°C	operating temperature		100		83	
ife			5.000		cycles	kfe			5,000		cycles
fammability rating	UL94V-0					Rammability rating	UL94V-0				
RENS	yes					RoHS	yes				
SOLDERABILITY	conditions/description	min	typ	max	units	SOLDERABILITY parameter	conditions/description	min	typ	max	uni
wave soldering	dipped in solder pot for 5 +0.5 seconds	255	260	285	2'	wave soldering	dipped in solder pot for 4-8 seconds		250		10
		2.00	2.002	6.00					_		

Revision: A



Product Availability: Pertaining to market availability

PCN Approval:

Operations/Quality

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Product Management

Revision: A