

Product Change Notice (PCN)

Date: 06/08/2023

PCN Number: PCN-0450578R-02

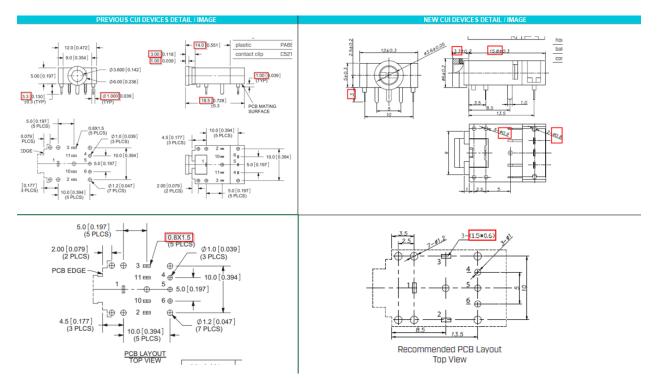
To Our Customers:

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: SJ-3566AN

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



F-723-001

Revision: A



PRE	VIOUS CUI DEVICES DET	TAIL / IMAGE
	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	stainless steel	silver
terminal 3	copper alloy	silver
terminal 4	brass	silver
terminal 5	brass	silver
terminal 6	brass	silver
terminal 10	brass	silver
terminal 11	brass	silver
bushing	brass	nickel
plastic	PA66	
contact clip	C5210	silver

	NEW CUI DEVICES DE LAIL / IMAGE			
DESCRIPTION	MATERIAL	PLATING/COLOR		
terminal 1	brass (=0.20	tin over nickel		
terminal 2	stainless steel t=0.25	silver over nickel		
terminal 3	stainless steel t=0.2	silver over nickel		
terminal 4	brass t=0.35	silver over nickel		
terminal 5	brass t=0.35	silver over nickel		
terminal 6	brass t=0.35	silver over nickel		
bushing	copper alloy	nickel		
switch/slide housing	PA66+15%GF (UL94V-0)	black		
housing	PBT (UL94V-0)	black		
bakelite	PF	brown		
contact clip	copper alloy =0.05	silver over nickel		

PREVIOUS CUI DEVICES DETAIL / IMAGE				NEW CUI DEVICES DETAIL / IMAGE								
SPECIFICATIONS						SPECIFICATIONS parameter	conditions/description		min	typ	max	units
parameter	conditions/description	min	typ	max	units	rated input voltage				15		Vdc
rated input voltage			12		Vdc	rated input current					1	Α
rated input current contact resistance	between terminal and mating plug between terminal in a closed circuit ¹			1 50 30	Α 	contact resistance	terminals 1-3 terminals 4-8				50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ	insulation resistance	at 500 Vdc		100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac	voltage withstand	for 1 minute				500	Vac
insertion/withdrawal force		0.3		3	kg	insertion/withdrawal force			0.3		3	kg
terminal strength	any direction for 10 seconds	-40		500	0 "C							
operating temperature life		-40	5.000	85		operating temperature			-20		70	°C
flammability rating	UL94V-0		5,000		cycles	storage temperature			-40		85	°C
ROHS	V85					life				5,000		cycles
	100					flammability rating	UL94V-0					
						RoHS	yes					
OLDERABILITY ameter	conditions/description	min	typ	max	units	SOLDERABILITY						
ameter ve soldering	dicced in solder pot for 5±0.5 seconds at	255	280	285	°C	parameter co	nditions/description	min	typ	max	units	
	anjune of a sector and a sector and a sector as a	600				wave soldering dig	ped in solder pot for 4-6 seconds		250		*C	

Affected Date Code: 06/05/2023

Product Availability: Pertaining to market availability

PCN Approval:

Operations/Quality

Talft

Product Management

Revision: A