

Product Change Notice (PCN)

Date: 01/13/2023

PCN Number: PCN-0451086R-02

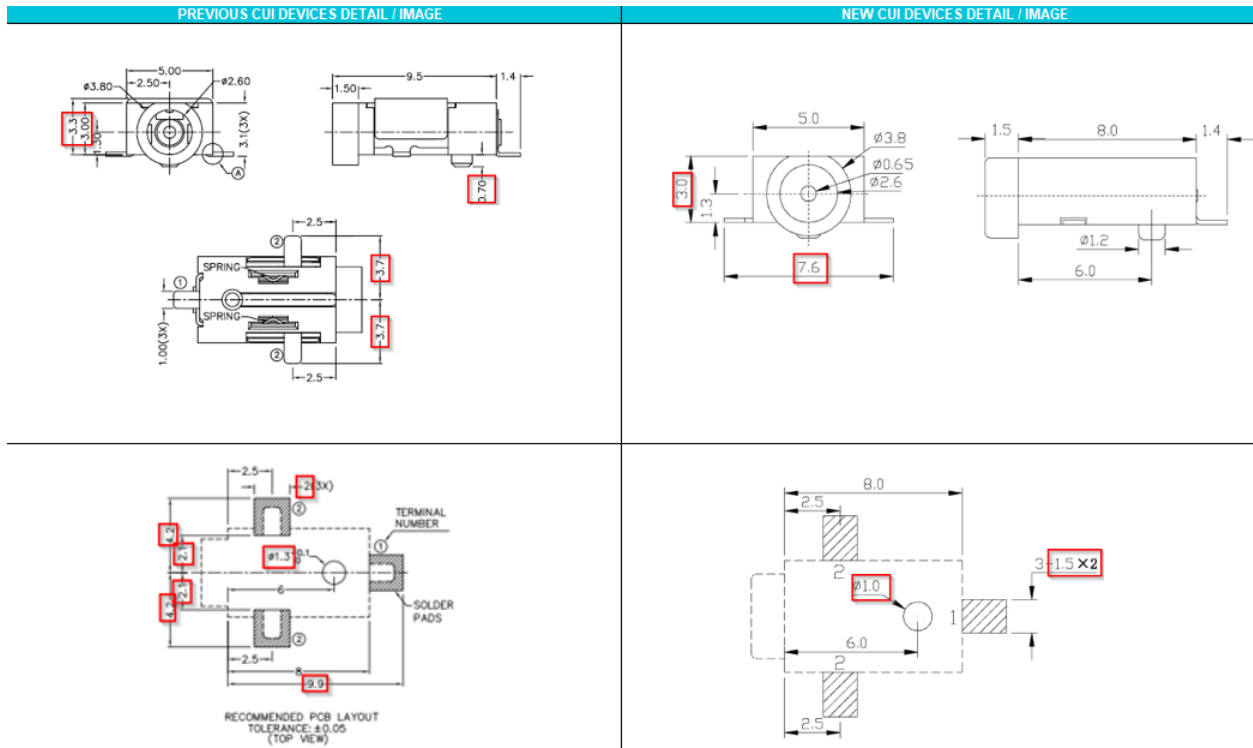
To Our Customers:

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: *PJ-038-SMT-TR*

Reason(s) for Change: *Manufacturing process improvements*

Description of Change: *Mechanical, electrical, and material changes as shown below:*



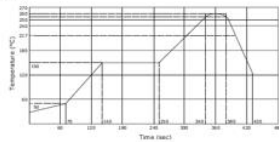
	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
shield	stainless steel	
spring	stainless steel	
plastic	PA10T	

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	silver
terminal 1	brass t=0.25	silver
terminal 2	phosphor bronze t=0.25	silver
shield	phosphor bronze t=0.25	silver
housing	PPA (UL94V-0)	black

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity $\leq 80\%$			40	$^{\circ}\text{C}$
reflow soldering ¹	see reflow profile	255	260	265	$^{\circ}\text{C}$
drying conditions ²	parts in reel: bake at 40 $^{\circ}\text{C}$ $\pm 5^{\circ}\text{C}$ for 72 hours parts removed from reel: bake at 40 $^{\circ}\text{C}$ $\pm 5^{\circ}\text{C}$ for 10 hours				

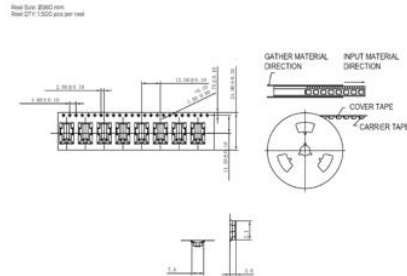
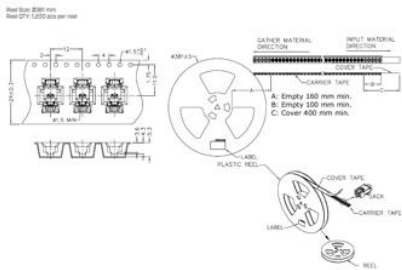
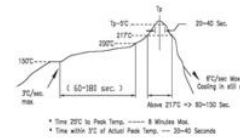
Note: 1. It is recommended to solder within 72 hours from opening vacuum packaging at a temperature $\leq 37^{\circ}\text{C}$ @ relative humidity $\leq 80\%$. 2. When exceeding reel life by ≥ 72 hours.



SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity $\leq 80\%$			40	$^{\circ}\text{C}$
reflow soldering ¹	see reflow profile	255	260	265	$^{\circ}\text{C}$
drying conditions ²	parts in reel: bake at 40 $^{\circ}\text{C}$ for 4 hours parts removed from reel: bake at 40 $^{\circ}\text{C}$ for 4 hours				

Note: 1. It is recommended to solder within 72 hours from opening vacuum packaging at a temperature $\leq 37^{\circ}\text{C}$ @ relative humidity $\leq 80\%$. 2. When exceeding reel life by ≥ 72 hours.



Affected Date Code: 01/20/2023

Product Availability: Channel Availability mid Q1

Additional Information:

PCN Approval:

F-723-001

Revision: A



Operations/Quality

Rae Adams

Product Management

Maggie Wilson
