

Product Change Notice (PCN)

Date: **01/13/2023**

PCN Number: **PCN-0450049R-01**

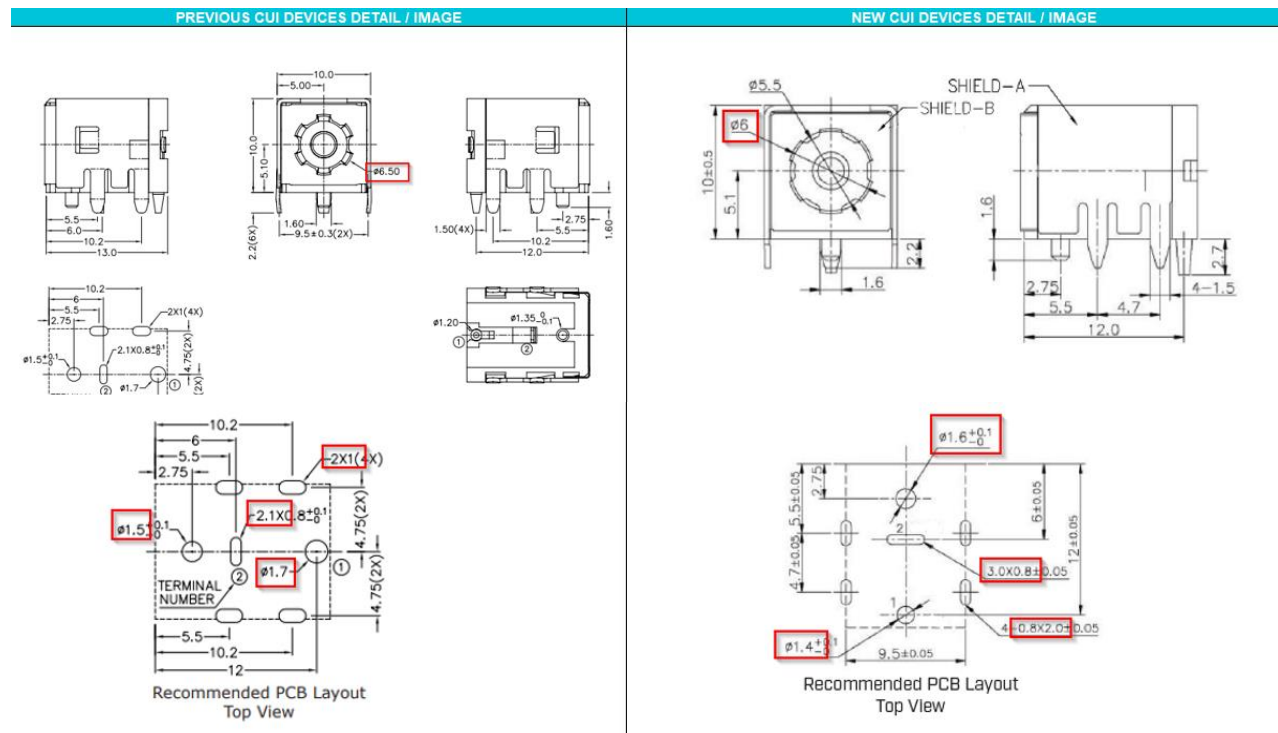
To Our Customers:

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-082BH**

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

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



F-723-001

Revision: A

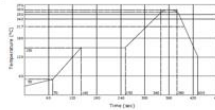
	MATERIAL	PLATING
terminal 1	brass	silver
terminal 2	copper alloy	silver
stopper	cold rolled steel	nickel
shield A	cold rolled steel	nickel
shield B	stainless steel	
plastic	PA6T or equivalent	

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	brass	silver
terminal 2	copper t=0.30	silver
stopper	SUS 301 t=0.30	
shield A	SPCC t=0.40	nickel
shield B	SUS 301 t=0.15	
housing	PA6T (UL94V-0)	black

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds at	255	260	265	°C
reel storage	at relative humidity <80%			40	°C
reflow soldering ¹	see reflow profile	255	260	265	°C
drying conditions ²	parts in reel: bake at 40°C ±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours				

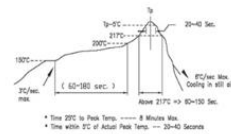
Note: 3. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
4. When exceeding floor life by >72 hours.



SOLDERABILITY

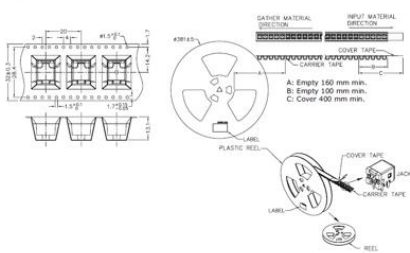
parameter	conditions/description	min	typ	max	units
reel storage	10-30°C, <70% humidity				°C
reflow soldering ¹	see reflow profile	255	260		°C
drying conditions ²	parts in reel: bake at 40°C for 4 hours parts removed from reel: bake at 40°C for 4 hours				

Note: 1. CU Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
2. When exceeding floor life by >72 hours.

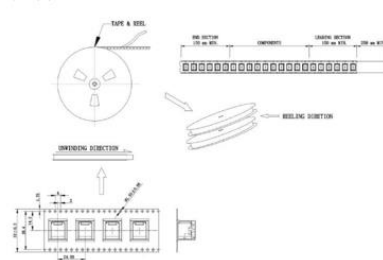


* Time 255 to Peak Temp. --- 8 Minutes Max.
* Time until 50% of Actual Peak Temp. --- 20-40 Seconds

Reel Size: Ø381 mm
Reel QTY: 350 pcs per reel



Reel Size: Ø330 mm
Reel QTY: 200 pcs per reel



Affected Date Code: 01/20/2023

Product Availability: Channel Availability mid Q1

F-723-001

Revision: A



Additional Information:

PCN Approval:

Operations/Quality

Rae O'Brien

Product Management

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