

Product Change Notice (PCN)

Date: **10/20/2023**

PCN Number: **PCN-0450011R-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-069B-SMT-TR**

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

Description of Change: **Materials and packaging update**

PREVIOUS CUI DEVICES DETAIL / IMAGE

Recommended PCB Layout
Top View

NEW CUI DEVICES DETAIL / IMAGE

Recommended PCB Layout
Top View

	MATERIAL	PLATING
center pin	brass	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
shield-A	brass	nickel
shield-B	stainless steel	
plastic	PA6T or equivalent	

DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
shield-A	brass	nickel
shield-B	stainless steel	
housing	PA10T (UL94V-0)	black

MATING PLUG
Jack Insertion Depth: 8.2 mm

MATING PLUG
Jack Insertion Depth: 8.3 mm

F-723-001

Revision: A

PREVIOUS CUI DEVICES DETAIL / IMAGE

NEW CUI DEVICES DETAIL / IMAGE

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <80%			40	°C
reflow soldering	see reflow profile	255	260	265	°C
drying conditions	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: 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <10°C ±5 relative humidity <60%.
2. When exceeding floor life by 72 hours

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	-5-35°C, 25-80% humidity reel opened, use within 1 month reel unopened, use within 6 months				
reflow soldering	see reflow profile	260	265	270	°C

Note: 1. CUI Devices recommends usage of the product within 2 hours after TSS is opened. After 5 hours, CUI Devices recommends drying the parts prior to use.

• THE 20% TO FLOW THAT IS MINUTES MAX.
• THE IN 200-250 SEC.

units: mm

Reel Size: Ø381 mm
Reel QTY: 450 pcs per reel

Affected Date Code: **10/17/2023 (all product Shipped after)**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

Roger D. Green

Product Management

[Signature]

F-723-001

Revision: A