

## Product Change Notice (PCN)

Date: **5/25/2023**

PCN Number: **PCN-0450914R-01**

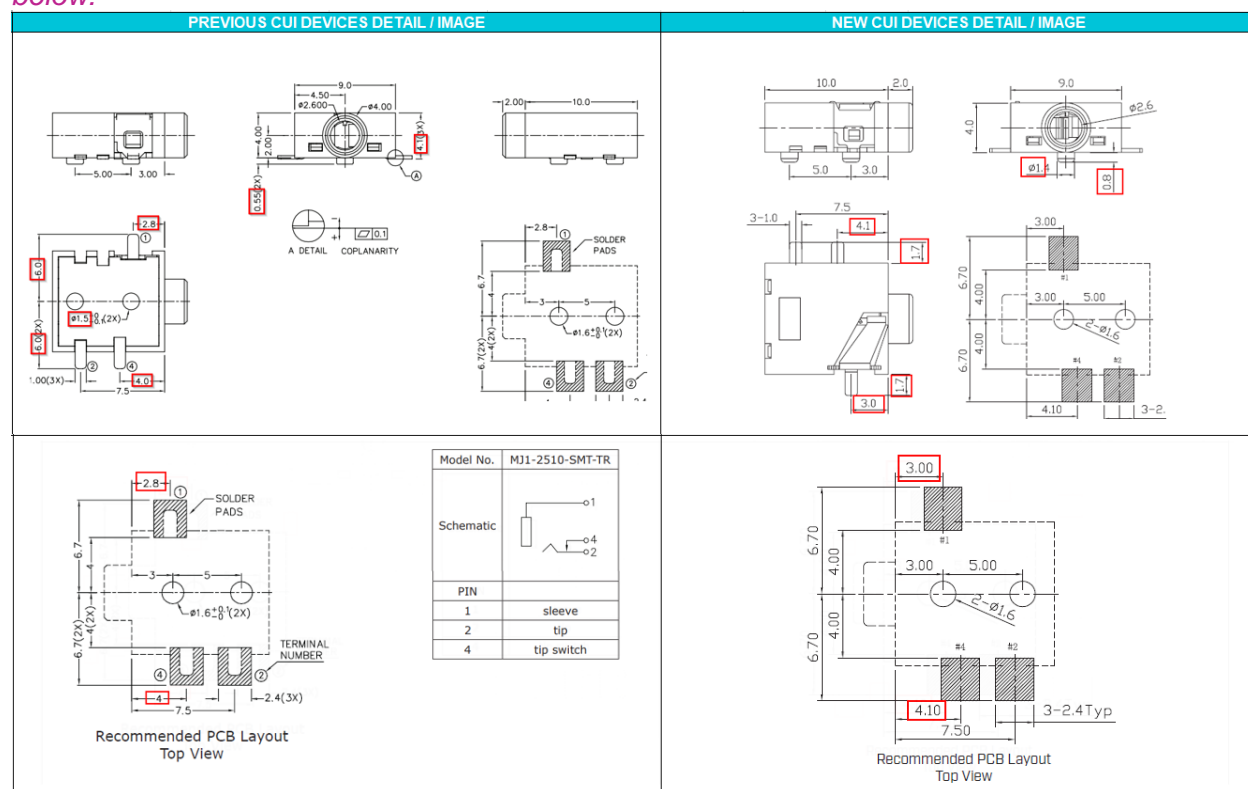
To Our Customers:

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: MJ1-2510-SMT-TR

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

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



	MATERIAL	PLATING
terminal 1	copper alloy	gold flash
terminal 2	copper alloy	gold flash
terminal 4	brass	gold flash
plastic	PA6T or equivalent	

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	copper alloy	gold over nickel
terminal 2	copper alloy	gold over nickel
terminal 4	copper alloy	gold over nickel
housing	PPA [UL94V-0]	black
cover	PPA [UL94V-0]	black

### SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow storage	at relative humidity <80%		40		°C
reflow soldering <sup>1</sup>	see reflow profile	255	260	265	°C
drying conditions <sup>2</sup>	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 from 98% by >72 hours.

### SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow storage	5-25°C, 20-75% humidity				°C
reflow soldering	see reflow profile	255	260	265	°C

Note: 1. Q3 Device recommends usage of the product within 24 hours after TSM is opened. After 24 hours, Q3 Device recommends drying the parts prior to use.

unit: mm

Reel Size Ø331 mm

Reel QTY: 1,000 pcs per reel

unit: mm

Reel Size Ø331 mm

Reel QTY: 800 pcs per reel

Affected Date Code: 5/23/2023

Product Availability: Channel Availability Q3

Additional Information:

PCN Approval:

Operations/Quality

*Roger D. ...*

Product Management

*RH*

F-723-001

Revision: A



F-723-001

Revision: A