

Product Change Notice (PCN)

Date: **5/4/2023**

PCN Number: **PCN-0450886R-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: SJ1-2533-SMT-TR, SJ1-2534-SMT-TR, SJ1-2535-SMT-TR

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

Description of Change: mechanical, material, packaging, and soldering differences as shown below:

PREVIOUS CUI DEVICES DETAIL / IMAGE	NEW CUI DEVICES DETAIL / IMAGE

F-723-001

Revision: A

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
refl 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:

1. Heat reflow solder within 72 hours from opening vacuum packaging at a temperature <150°C & relative humidity <80%.
2. When exceeding floor life by >72 hours.

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
refl storage	10-35°C <70% humidity				°C
reflow soldering ¹	see reflow profile	255	260		°C
drying conditions ²	parts in reel: bake at 110°C for 4 hours parts removed from reel: bake at 110°C for 4 hours				

Note:

1. CU Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature <150°C & relative humidity <80%.
2. When exceeding floor life by >72 hours.

- Time 25°C to Peak Temp. --- 8 Minutes Max.
- Time within 5°C of Actual Peak Temp. --- 20-40 Seconds

PACKAGING

units: mm
Reel Size: Ø330 mm
Reel QTY: 1,000 pcs per reel

Affected Date Code: **5/1/23**

Product Availability: **Channel Availability Q2**

Additional Information:

PCN Approval:

Operations/Quality

Roger D. ...

Product Management

RH