

Product Change Notice (PCN)

Date: **06/29/2023**

PCN Number: **PCN-0451521R-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: **SJ-4361X-SMT series: SJ-43614-SMT-TR, SJ-43615TS-SMT-TR, SJ-43616-SMT-TR & SJ-43617-SMT-TR**

Reason(s) for Change: **Data & Packaging Update**

Description of Change: **Solder Profile Difference. See image Below**

PREVIOUS CUI DEVICE'S DETAIL / IMAGE

NEW CUI DEVICE'S DETAIL / IMAGE

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
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:

1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <120°C & relative humidity <80%.
2. When exceeding floor life by >120 hours.

Temperature (°C) vs Time (sec) graph. The y-axis ranges from 40 to 270°C, and the x-axis ranges from 60 to 480 seconds. The profile shows a ramp up from 150°C to 217°C, a dwell at 217°C for 20-40 seconds, and a ramp down.

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 110°C for 4 hours parts removed from reel bake at 110°C for 4 hours				

Note:

1. CUI Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature <120°C & relative humidity <80%.
2. When exceeding floor life by >120 hours.

Temperature (°C) vs Time (sec) graph. The y-axis ranges from 150°C to 270°C, and the x-axis ranges from 60 to 180 seconds. The profile shows a ramp up from 150°C to 217°C, a dwell at 217°C for 20-40 seconds, and a ramp down. Key points labeled: 150°C, 217°C, 20-40 Sec, 8°C/sec Max. Cooling in still air, 150°C



Affected Date Code: **06/26/2023**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

A handwritten signature in black ink, appearing to read "R. D. Garcia", is written over a horizontal line.

Product Management

A handwritten signature in black ink, appearing to read "J. Chabon", is written over a horizontal line.