

Product Change Notice (PCN)

Date: 4/6/2023

PCN Number: PCN-0454759R-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: SJ2-25414D-SMT-TR

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

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

Below:

PREVIOUS CUI DEVICES DETAIL / IMAGE

Mechanical drawing of a previous CUI device. The drawing includes a top view, a side view, and a detail view of the coplanarity. Dimensions are provided in millimeters. Key dimensions include: 4.00, 2.50, 2.20, 1.50, 12.0, 1.60, 2.50, 5.00, 1.00, 1.70, 1.50

F-723-001

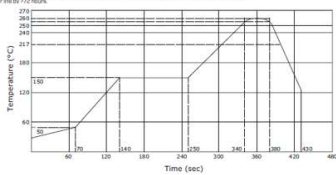
Revision: A

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 conditions² 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 >20°C & relative humidity <60%.
2. When exceeding floor life by >480 hours.

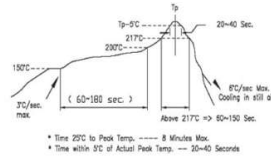


SOLDERABILITY

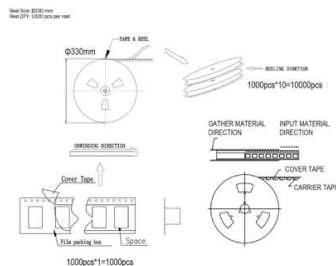
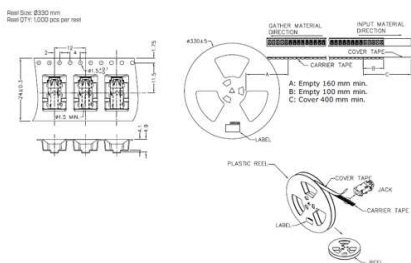
parameter	conditions/description	min	typ	max	units
reel storage	10-30°C <70% humidity				°C
reflow soldering ¹	see reflow profile	255	260		°C

drying conditions² 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 >20°C & relative humidity <60%.
2. When exceeding floor life by >480 hours.



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



Affected Date Code: 4/3/23

Product Availability: Channel Availability Q2

Additional Information:

PCN Approval:

Operations/Quality

Robert D. [Signature]

Product Management

[Signature]