

## Product Change Notice (PCN)

**Date:** 07/19/2024

**PCN Number:** PCN-0456234R-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-TR Series (SJ-43614-SMT-TR, SJ-43615TS-SMT-TR, SJ-43616-SMT-TR & SJ-43617-SMT-TR)*

Reason(s) for Change: *Manufacturing Improvement processes*

Description of Change: *New Factory Location. Dimensionally Equivalent. Product re-engineered for improved manufacturability and production yield. See image below for reference and check CUI Devices website for updated drawing on or after 09/10/2024. Cosmetic differences may be visible, but will not affect the form, fit, or function of the product.*

PREVIOUS CUI DETAIL / IMAGE

F-723-001

Revision: A

PREVIOUS CUI DETAIL / IMAGE

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	10-30°C, <75% humidity				°C
reflow soldering <sup>1</sup>	see reflow profile	255	260		°C
drying conditions <sup>2</sup>	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 12 hours from opening vacuum packaging at a temperature <10°C @ relative humidity <65%.  
2. When exceeding floor life by >480 hours.

150°C  
5°C/sec Max.  
(50-180 sec.)  
Tp=217°C  
20-40 Sec.  
8°C/sec Max.  
Cooling in still air

\* Time 20°C to Peak Temp. --- 8 Minutes Max.  
\* Time within 5°C of Actual Peak Temp. --- 30-40 Seconds

PACKAGING

units: mm

Reel Size: Ø330 mm  
Reel QTY: 650 pcs per reel

Ø330mm  
TAPE & SEAL  
UNLOADING DIRECTION  
COVER TAPE  
CARRIER TAPE  
650pcs\*1=650pcs

NEW CUI DEVICE'S DETAIL / IMAGE

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	5-35°C, <75% humidity				°C
reflow soldering	see reflow profile			260	°C
drying conditions	bake at 120°C for 4 hours				

Temp. °C  
Time  
T max = 260°C  
Max. 10s  
220°C 60s  
Preheat Line  
250°C  
180°C  
60s  
1 - 5°C/s  
1 - 4°C/s  
\* Temperature measurement point: resin surface

PACKAGING

units: mm

Reel Size: Ø330 mm  
Reel QTY: 650 pcs per reel

Ø330mm  
COVER TAPE  
CARRIER TAPE  
UNLOADING DIRECTION  
CARRIER TAPE  
650pcs\*1=650pcs

Material	Length	Width	Height
Empty	180mm(10P6)	1000mm(650P6)	180mm(10P6)
ConnectorS	180mm(10P6)	1000mm(650P6)	180mm(10P6)
Empty	180mm(10P6)	1000mm(650P6)	180mm(10P6)

NOTE:  
1. CARRIER TAPE PACKING LENGTH  
TRAILER CONNECTORS LEADER(START)  
JANITOR MATERIAL DIRECTION 180mm(10P6) 1000mm(650P6) 180mm(10P6) START  
END Empty ConnectorS Empty  
2. FEELING FORCE: 0.2N-1.5N (20g-150g)  
1 REEL = 650 PCS

Affected Date Code: All orders placed after **07/19/2024** will be manufactured in accordance with the PCN. Please check updated 2Ddrawing.

PCN Approval:

Operations/Quality



Product Management

