

Product Change Notice (PCN)

Date: 08/23/2024

PCN Number: PCN-0457001R-01

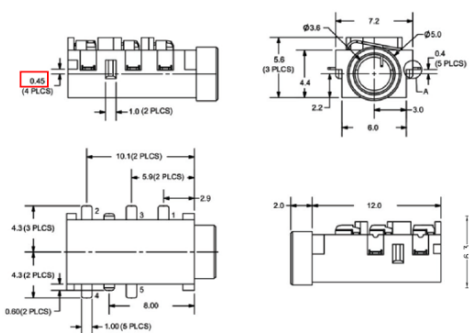
To Our Customers:

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-3503-SMT-TR

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

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

PREVIOUS CUI DETAIL / IMAGE	NEW CUI DEVICES DETAIL / IMAGE
 <p>Technical drawing of the previous CUI device showing dimensions and part numbers. The drawing includes a side view, a top view, and a bottom view. Key dimensions include: 0.40 (X PLCS), 1.6 (2 PLCS), 10.1/2 (PLCS), 5.9/2 (PLCS), 2.9, 4.3 (3 PLCS), 4.3 (2 PLCS), 0.60/2 (PLCS), 1.00 (5 PLCS), 8.00, 2.8, 12.0, 6.0, 3.0, 7.2, 5.0, 0.4, 5.8, 4.4, 2.2, 3.0, 6.0, 3.0, 7.2, 5</p>	

PREVIOUS CUI DETAIL / IMAGE

NEW CUI DEVICE'S DETAIL / IMAGE

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	10-30°C, <70% humidity				°C
reflow soldering	see reflow profile	255	260		°C
drying conditions ¹	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 <20°C & relative humidity <60%.
2. When assembling from 0% to 100% humidity.

- * Time 230°C to Peak Temp. --- 8 Minutes Max.
- * Time within 5°C of Actual Peak Temp. --- 30-40 Seconds

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				

PACKAGING

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

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

NOTE:
1. CARRIER TAPE PACKING LENGTH (START)
TRAILER CONNECTORS LEADER (START)
START
END
Empty ConnectorS Empty
2. PEELING FORCE: 0.2N-1.5N (20g-150g)

Affected Date Code: All orders placed after **08/05/2024**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality



Product Management

