



## Product Change Notice (PCN)

**Date:** 01/30/2023

**PCN Number:** PCN-0454806R-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: *SJ2-25404D-SMT-TR & SJ2-25404B-SMT-TR*

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

Description of Change: *Minor Housing and footprint differences. Material Change on the housing and terminals. See image Below*



**PREVIOUS CUI DEVICES DETAIL / IMAGE**

<b>SPECIFICATIONS</b>					
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance <sup>1</sup>	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

**NEW CUI DEVICES DETAIL / IMAGE**

<b>SPECIFICATIONS</b>					
parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance <sup>1</sup>	between terminal and mating plug			30	mΩ
	between terminal in a closed circuit			100	mΩ
insulation resistance	at 500 Vdc				MΩ
voltage withstand	for 1 minute			1000	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-40		85	°C
storage temperature		-30		50	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

**SOLDERABILITY**

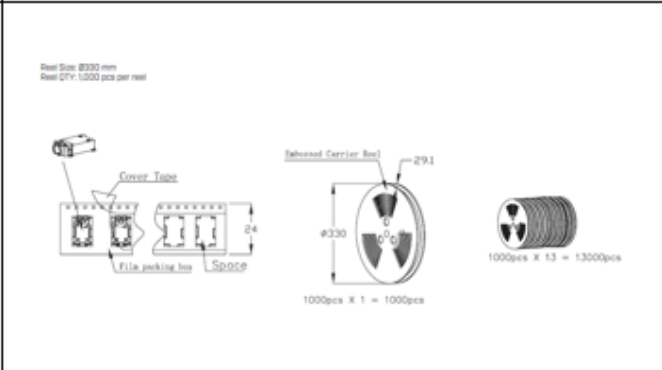
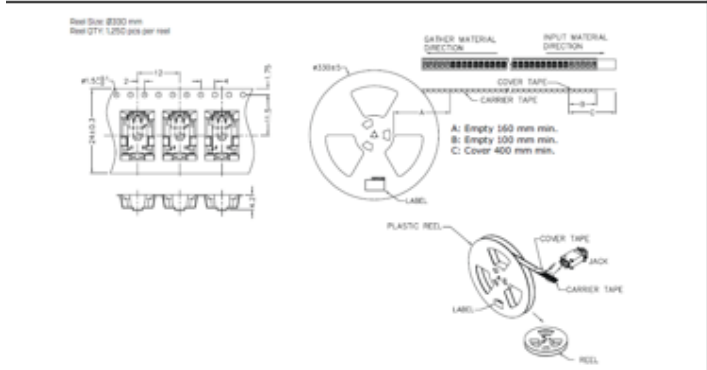
parameter	conditions/description	min	typ	max	units
reflow storage	at relative humidity <90%			40	°C
reflow soldering <sup>1</sup>	see reflow profile	255	260	265	°C
drying conditions <sup>2</sup>	parts in reel: bake at 40°C ±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours				

Note: 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.  
2. When exceeding their life by >72 hours.

**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
reflow storage	reel opened & unused parts repacked within 2 hours (30°C, 60% humidity) reel unopened, 1 year shelf life (30°C, 60% humidity)				
reflow soldering	see reflow profile			260	°C
drying conditions	parts removed from reel over 6 hours: bake at 40°C for 6 hours				

Note: 1. CUI Devices recommends usage of this product within 2 hours after 100 is opened. After 6 hours, CUI Devices recommends drying the part before its use.





Affected Date Code: *01/24/2023*

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

A handwritten signature in black ink, appearing to read "Robert Aguirre", written over a horizontal line.

Product Management

A handwritten signature in black ink, written over a horizontal line. The signature is partially obscured by a light grey rectangular box.