



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*

F-723-001

Revision: A

PREVIOUS CUI DEVICES DETAIL / IMAGE **NEW CUI DEVICES DETAIL / IMAGE**

SPECIFICATIONS

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

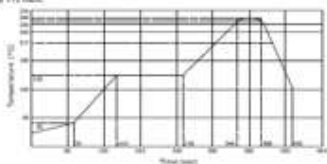
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		VDC
rated input current			1		A
contact resistance				30	mΩ
insulation resistance	at 500 VAC	100			MΩ
voltage withstand	for 1 minute			500	VAC
insertion/withdrawal force		0.3		1	N
operating temperature		-40		85	°C
storage temperature		-25		85	°C
RoHS			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow storage	at relative humidity < 80%			40	°C
reflow soldering	see reflow profile	255	260	265	°C
drying conditions	parts in reflow bake at 40°C ±5°C for 72 hours parts removed from reel: bake at 40°C ±5°C for 10 hours				

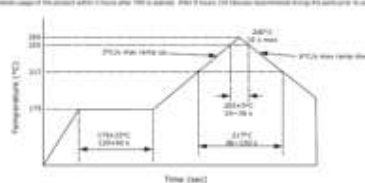
Note: 1. Reel reflow cycles within 72 hours from opening rework packaging at a temperature < 40°C & relative humidity < 80%.
2. When assembly from 0% to < 75% RH.



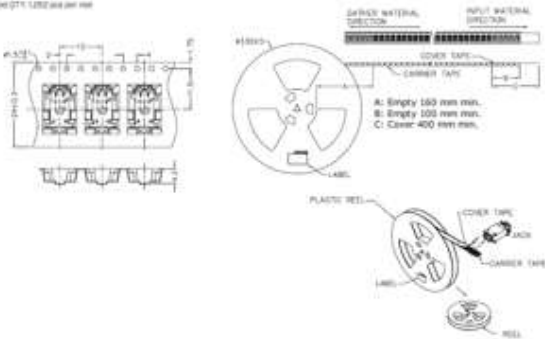
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow storage	max opened & unpacked parts reached within 3 hours: 25°C, 80% humidity reel unopened: 1 year shelf life: 25°C, 80% humidity				
reflow soldering	see reflow profile			260	°C
drying conditions	parts removed from reel: soak @ 40°C, 80% humidity for 6 hours				

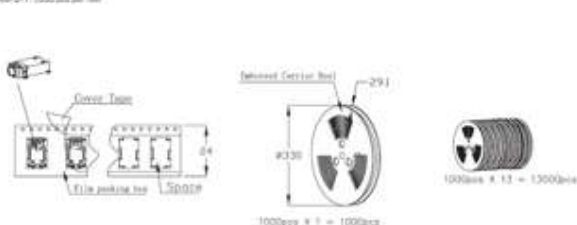
Note: 1. 1000-hour maximum shelf life reached within 3 hours after 100% humidity. After 6 hours 100% humidity maximum storage life achieved.



Reel Size: 8333 mm
See DTY: 1250 pcs per reel



Reel Size: 8333 mm
See DTY: 1000 pcs per reel





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 Griffin", 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.

F-723-001

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