

Product Change Notice (PCN)

Date: **10/27/2023**

PCN Number: **PCN-0454861R-01**

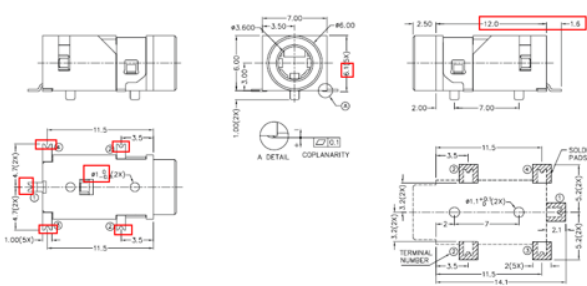
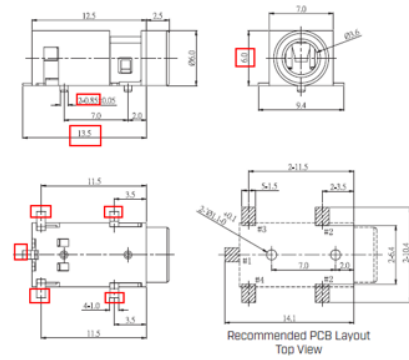
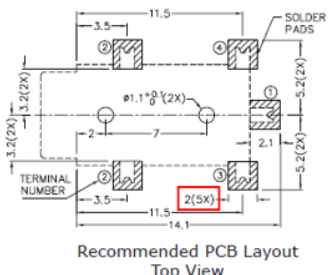
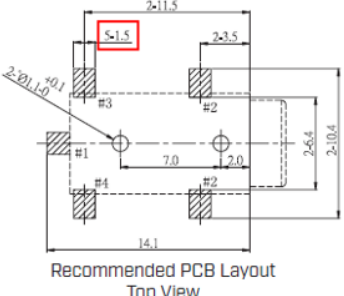
To Our Customers:

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: **SJ2-3514A-SMT-TR**

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

Description of Change: **Dimensional & Material Change. See image Below**

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

F-723-001

Revision: A

PREVIOUS CUI DEVICES DETAIL / IMAGE

	MATERIAL	PLATING
terminal 1	copper alloy	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
terminal 4	copper alloy	silver
plastic	PA10T	

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance ¹	between terminal and mating plug between terminal in a closed circuit			50 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

DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	phosphor bronze	silver
terminal 2	phosphor bronze	silver
terminal 3	phosphor bronze	silver
terminal 4	phosphor bronze	silver
housing	PA9T (UL94V-0)	black

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 between terminal in a closed circuit			100 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			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

PREVIOUS CUI DEVICES DETAIL / IMAGE

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 conditions ²	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 floor life by >72 hours.

NEW CUI DEVICES DETAIL / IMAGE

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	<40°C <80% humidity				
reflow soldering	see reflow profile	255	260		°C

Note:

1. CUI Devices recommends usage of the product within 24 hours after TSS is opened. After 24 hours, CUI Devices recommends drying the parts prior to use.

PACKAGING

units: mm
Reel Size: Ø381 mm
Reel QTY: 750 pcs per reel

PACKAGING

units: mm
Reel Size: Ø380 mm
Reel QTY: 600 pcs per reel



Affected Date Code: **10/01/2023**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

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

Product Management

A handwritten signature in black ink, appearing to read "J. Chadsen", is written over a horizontal line.