

## Product Change Notice (PCN)

**Date:** 08/23/2024

**PCN Number:** PCN-0456179R-01

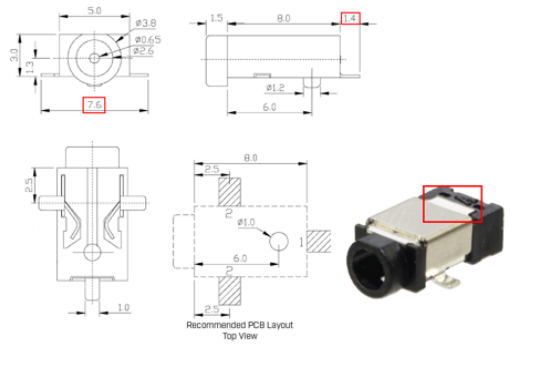
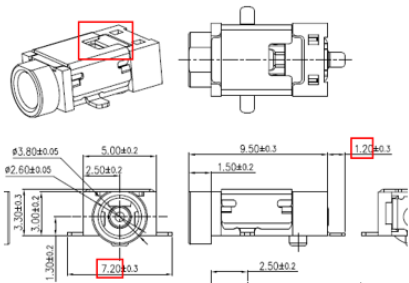
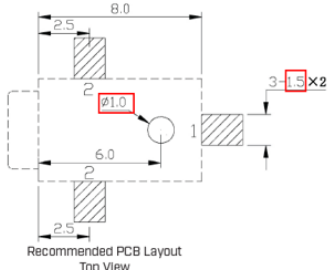
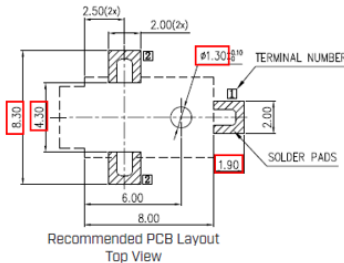
To Our Customers:

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: PJ-038-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.*

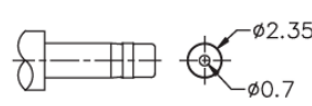
PREVIOUS CUI DEVICE'S DETAIL / IMAGE	NEW CUI DEVICE'S DETAIL / IMAGE
 <p>Recommended PCB Layout Top View</p>	
 <p>Recommended PCB Layout Top View</p>	 <p>Recommended PCB Layout Top View</p>

F-723-001

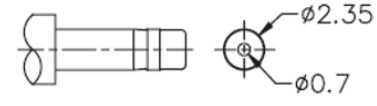
Revision: A

PREVIOUS CUI DEVICES DETAIL / IMAGE			NEW CUI DEVICES DETAIL / IMAGE		
DESCRIPTION	MATERIAL	PLATING/COLOR	DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	silver	center pin	copper	nickel
terminal 1	brass t=0.25	silver	terminal 1	brass	8 μ" silver over 40 μ" nickel
terminal 2	phosphor bronze t=0.25	silver	terminal 2	copper alloy	8 μ" silver over 40 μ" nickel
shield	phosphor bronze t=0.25	silver	shield	copper alloy	
housing	PPA [UL94V-0]	black	spring	stainless steel	
			housing	PA10T [UL94V-0]	black



MATING PLUG  
Jack Insertion Depth: 7.0 mm



MATING PLUG  
Jack Insertion Depth: 7.7 mm

PREVIOUS CUI DEVICES DETAIL / IMAGE

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reel storage	10-30°C, <70% humidity				°C
reflow soldering	see reflow profile	215	260		°C
drying conditions	parts in reel bake at 120°C for 4 hours parts removed from reel bake at 120°C for 4 hours				

Note: 1. CUI Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature <100°C relative humidity <60%.  
2. When exceeding floor life by 1488 hours.

- \* Time 20% to Peak Temp. ----- 8 Minute Max.
- \* Time within 3°C of Actual Peak Temp. -- 30-40 Seconds

NEW CUI DEVICES 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				

PACKAGING

units: mm  
Reel Size: Ø330 mm  
Reel DTY: 1,500 parts per reel



Affected Date Code: All orders placed after **10/22/2024**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

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

Product Management

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