

Product Change Notice (PCN)

Date: **06/30/2023**

PCN Number: **PCN-0450772R-01**

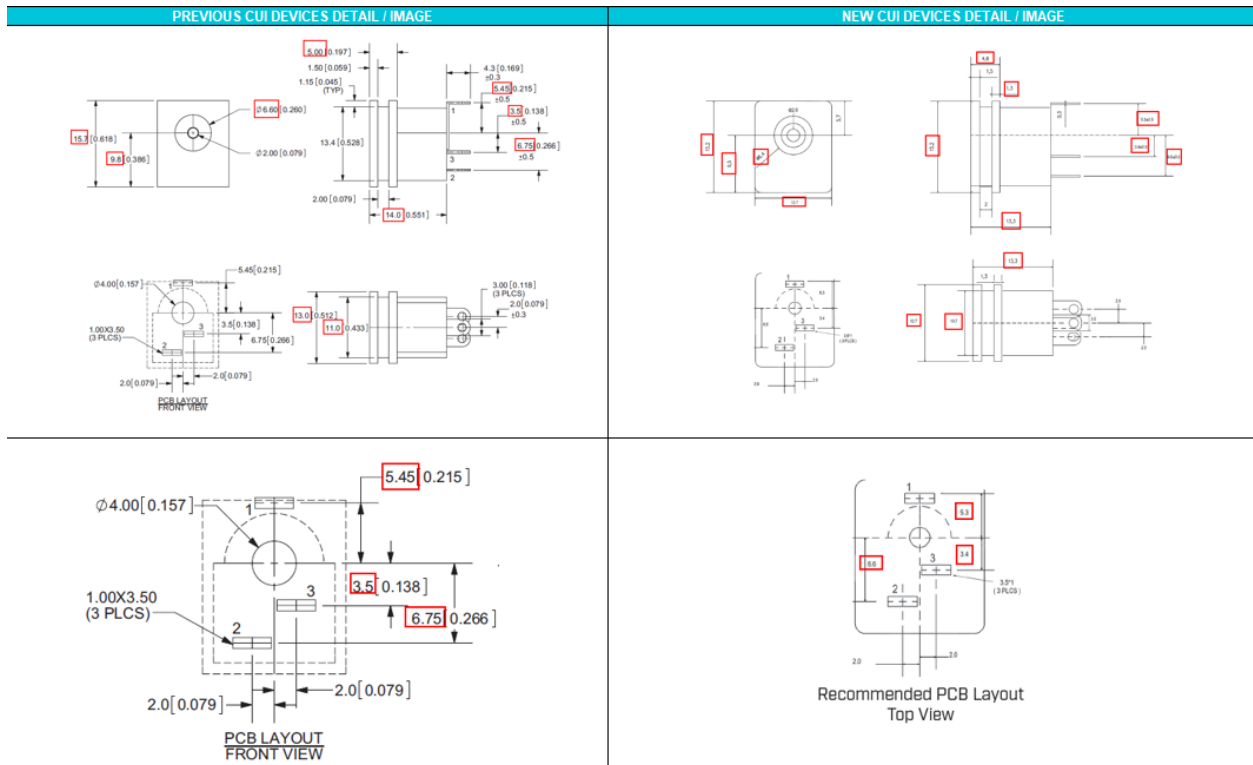
To Our Customers:

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-009A*

Reason(s) for Change: *Tooling and Material Change*

Description of Change: *Slight Dimensional difference. Terminal Material Change See image Below*



| PREVIOUS CUI DEVICES DETAIL / IMAGE | | | NEW CUI DEVICES DETAIL / IMAGE | | |
|-------------------------------------|--------------|---------|--------------------------------|---------------|---------------|
| | MATERIAL | PLATING | DESCRIPTION | MATERIAL | PLATING/COLOR |
| center pin | copper | nickel | center pin | brass | nickel |
| terminal 1 | brass | tin | terminal 1 | brass | tin |
| terminal 2 | copper alloy | tin | terminal 2 | copper alloy | tin |
| terminal 3 | brass | tin | terminal 3 | brass | tin |
| plastic | PBT | | housing | PBT (UL94V-0) | black |

| PREVIOUS CUI DEVICES DETAIL / IMAGE | | | | | | NEW CUI DEVICES DETAIL / IMAGE | | | | | |
|-------------------------------------|--|-----|-------|----------|----------|--------------------------------|--|-----|-------|----------|----------|
| SPECIFICATIONS | | | | | | SPECIFICATIONS | | | | | |
| parameter | conditions/description | min | typ | max | units | parameter | conditions/description | min | typ | max | units |
| rated input voltage | | | 24 | | Vdc | rated input voltage | | | 24 | | Vdc |
| rated input current | | | 2.5 | | A | rated input current | | | 2.5 | | A |
| contact resistance ¹ | between terminal and mating plug between terminal in a closed circuit | | | 50 30 | mΩ mΩ | contact resistance | between terminal and mating plug between terminal in a closed circuit | | | 50 30 | mΩ mΩ |
| insulation resistance | at 500 Vdc | 100 | | | MΩ | insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | at 50/60Hz for 1 minute | | | 500 | Vac | voltage withstand | for 1 minute | | | 500 | Vac |
| insertion/withdrawal force | | 0.3 | | 3 | kg | insertion/withdrawal force | | 0.5 | | 2 | kg |
| terminal strength | any direction for 10 seconds | | | 500 | g | operating temperature | | -25 | | 85 | °C |
| operating temperature | | -25 | | 85 | °C | life | | | 5,000 | | cycles |
| life | | | 5,000 | | cycles | flammability rating | UL94V-0 | | | | |
| flammability rating | UL94V-0 | | | | | RoHS | yes | | | | |
| RoHS | yes | | | | | | | | | | |

Note: 1. When measured at a current of less than 100 mA/1 sec

Affected Date Code: **06/30/2023**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

Product Management