# Product Change Notice (PCN)

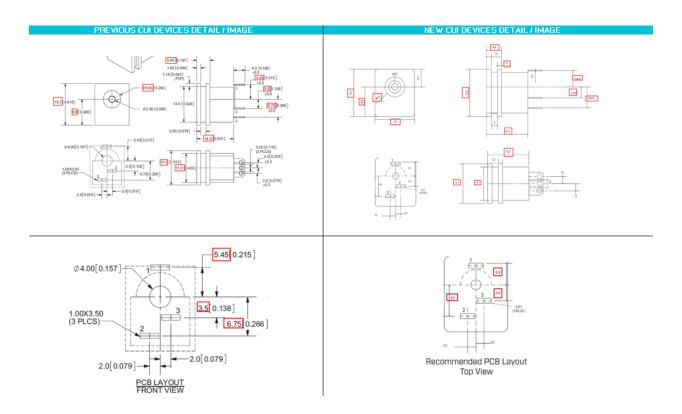**Date:** 06/30/2023

**PCN Number:** PCN-0450855R-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-009B*

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 |
| --- | --- |

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

**PREVIOUS CUI DEVICES DETAIL / IMAGE**

| | MATERIAL | PLATING |
|---|---|---|
| center pin | copper | nickel |
| terminal 1 | brass | tin |
| terminal 2 | copper alloy | tin |
| terminal 3 | brass | tin |
| plastic | PBT | |

**NEW CUI DEVICES DETAIL / IMAGE**

| DESCRIPTION | MATERIAL | PLATING/COLOR |
|---|---|---|
| center pin | brass | nickel |
| terminal 1 | brass | tin |
| terminal 2 | copper alloy | tin |
| terminal 3 | brass | tin |
| housing | PBT (UL94V-0) | black |

**PREVIOUS CUI DEVICES DETAIL / IMAGE**

SPECIFICATIONS

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

Note: 1. when measured at a current of less than 100 mA/1 kHz

**NEW CUI DEVICES DETAIL / IMAGE**

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| contact resistance | between terminal and mating plug | | | 50 | mΩ |
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| insulation resistance | at 500 Vdc | 100 | | | MΩ |
| voltage withstand | for 1 minute | | | 500 | Vac |
| insertion/withdrawal force | | 0.5 | | 2 | kg |
| operating temperature | | -25 | | 85 | °C |
| life | | | 5,000 | | cycles |
| flammability rating | UL94V-0 | | | | |
| RoHS | yes | | | | |

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

Product Availability: *Pertaining to market availability*

PCN Approval:

 Operations/Quality

Product Management

F-723-001                         Revision: A