

Product Change Notice (PCN)

Date: **10/20/2023**

PCN Number: **PCN-0450019R-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-071**

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

Description of Change: **Material Change. New PCB Dimensions included (pad sizes)**

PREVIOUS CUI DEVICES DETAIL / IMAGE

Previous PCB layout detail showing dimensions and component locations. The layout includes a center pin (3) and three terminals (1, 2, 3). Dimensions are provided in millimeters with tolerances in brackets. Key dimensions include: 8.5 [0.335] (2 PLCS) for the center pin, 2.0 [0.079] (2 PLCS) for the terminal 1, 2.5 [0.098] for the terminal 2, 3.3 [0.130] for the terminal 3, 0.80X1.50 (2 PLCS) for the terminal 1, 0.5 [0.020] for the terminal 2, 2.65 [0.104] for the terminal 3, 0.80X1.70 (2 PLCS) for the terminal 3, 3.00 [0.118] for the terminal 3, and a hole diameter of $\phi 1.3 [0.051]$ with a tolerance of -0.1 to -0.0 .

NEW CUI DEVICES DETAIL / IMAGE

New PCB layout detail showing dimensions and component locations. The layout includes a center pin (3) and three terminals (1, 2, 3). Dimensions are provided in millimeters with tolerances in brackets. Key dimensions include: 2.65 [0.104] for the center pin, 2.0 [0.079] (2 PLCS) for the terminal 1, 2.5 [0.098] for the terminal 2, 3.3 [0.130] for the terminal 3, 0.80X1.50 (2 PLCS) for the terminal 1, 0.5 [0.020] for the terminal 2, 2.65 [0.104] for the terminal 3, 0.80X1.70 (2 PLCS) for the terminal 3, 3.00 [0.118] for the terminal 3, and a hole diameter of $\phi 1.3 [0.051]$ with a tolerance of -0.1 to -0.0 . The layout also shows a recommended PCB layout top view with dimensions: 2.65 [0.104], 0.50, 4-1.40, 4-0.80, 2-2.10, 2-1.50, 2-2.30, 2-1.70, 2-8.50, 2-2.00, 2-1.70, 2.50, 3.30, 3.00, and a hole diameter of $\phi 1.30 +0.1$ to -0.0 .

Recommended PCB Layout
Top View

	MATERIAL	PLATING
center pin	brass	tin
terminal 1	brass	tin
terminal 2	copper alloy	tin
terminal 3	copper alloy	tin
plastic	PA66	

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



Affected Date Code: **10/20/2022**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

A handwritten signature in black ink, appearing to read "Robert D. Aris", positioned above a horizontal line.

Product Management

A handwritten signature in black ink, appearing to read "J. [unclear]", positioned above a horizontal line.