

Product Change Notice (PCN)

Date: **04/30/2026**

PCN Number: **PCN-0450187R-02**

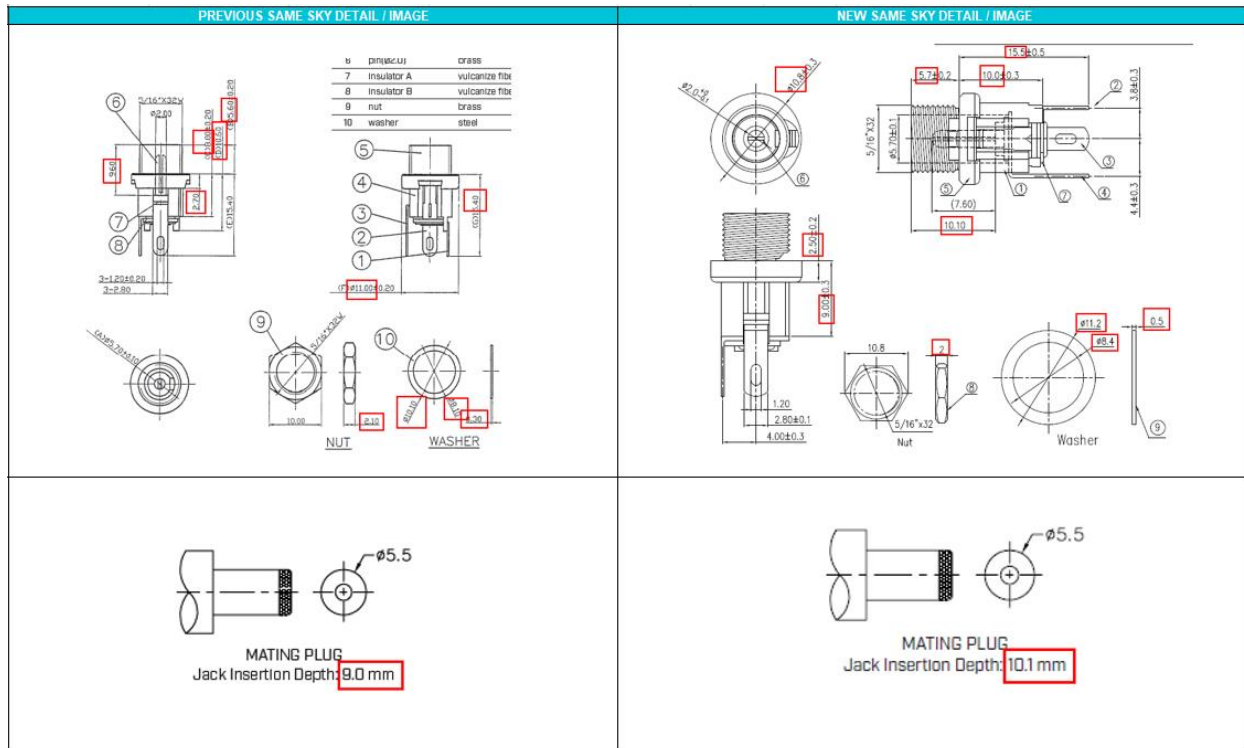
To Our Customers:

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-005A & PJ-005B**

Reason(s) for Change: **Factory Location Change.**

Description of Change: **Mechanical, material and electrical differences as shown in the detail image below. (Please note that the PCN shows part PJ-005A as the reference image: 2.0mm center pin, vs 2.5mm centerpin on PJ-005B.)**



PREVIOUS SAME SKY DETAIL / IMAGE				NEW SAME SKY DETAIL / IMAGE			
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR	ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	terminal pin	brass	silver	1	housing	PBT (UL94V-0)	black
2	sleeve spring	phosphor bronze	silver	2	center pin terminal (1)	copper alloy	silver
3	break terminal	brass	silver	3	tip spring (2)	copper alloy	silver
4	housing	PBT (UL94V-0)	black	4	shunt spring (3)	copper alloy	silver
5	bushing	brass	nickel	5	bushing	copper alloy	nickel
6	pin(Ø2.0)	brass	nickel	6	center pin	copper alloy	nickel
7	Insulator A	vulcanize fiber	red	7	washer	bakelite	---
8	Insulator B	vulcanize fiber	red	8	nut	copper alloy	nickel
9	nut	brass	nickel	9	washer	0195	nickel
10	washer	steel	nickel				

SPECIFICATIONS					
parameter	conditions/Description	min	typ	max	units
rated input voltage			24		Vdc
rated input current			5		A
contact resistance			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
operating temperature		-40		70	°C
life			5,000		cycles
flammability rating	plastic: UL94V-0 insulator: UL94HB				
RoHS	yes				

SOLDERABILITY					
parameter	conditions/Description	min	typ	max	units
hand soldering	for 3-4.5 seconds	340	350	360	°C

SPECIFICATIONS					
parameter	conditions/Description	min	typ	max	units
rated input voltage			24		Vdc
rated input current			5		A
contact resistance			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		-40		70	°C
life			5,000		cycles
flammability rating	see material table				
RoHS	yes				

SOLDERABILITY					
parameter	conditions/Description	min	typ	max	units
hand soldering	for 3-5 seconds	285		305	°C

Affected Date Code: All orders placed after **04/30/2026**

PCN Approval:

Operations/Quality



Product Management

