

Product Change Notice (PCN)

Date: 05/14/2026

PCN Number: PCN-0103160R-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-005X-HDW*

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

Description of Change: *Mechanical and material differences as shown in the detail image below.*

PREVIOUS SAME SKY DETAIL / IMAGE	NEW SAME SKY DETAIL / IMAGE																								
<table border="1"> <thead> <tr> <th></th> <th>MATERIAL</th> <th>PLATING</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>NUT</td> <td>Brass</td> <td>Nickel</td> <td>Silver</td> </tr> <tr> <td>WASHER</td> <td>Steel</td> <td>Nickel</td> <td>Silver</td> </tr> </tbody> </table>		MATERIAL	PLATING	COLOR	NUT	Brass	Nickel	Silver	WASHER	Steel	Nickel	Silver	<table border="1"> <thead> <tr> <th></th> <th>MATERIAL</th> <th>PLATING</th> <th>COLOR</th> </tr> </thead> <tbody> <tr> <td>NUT</td> <td>Copper Alloy</td> <td>Nickel</td> <td>Silver</td> </tr> <tr> <td>WASHER</td> <td>Q195</td> <td>Nickel</td> <td>Silver</td> </tr> </tbody> </table>		MATERIAL	PLATING	COLOR	NUT	Copper Alloy	Nickel	Silver	WASHER	Q195	Nickel	Silver
	MATERIAL	PLATING	COLOR																						
NUT	Brass	Nickel	Silver																						
WASHER	Steel	Nickel	Silver																						
	MATERIAL	PLATING	COLOR																						
NUT	Copper Alloy	Nickel	Silver																						
WASHER	Q195	Nickel	Silver																						

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	terminal pin	brass	silver
2	sleeve spring	phosphor bronze	silver
3	break terminal	brass	silver
4	housing	PBT (UL94V-0)	black
5	bushing	brass	nickel
6	pin(Ø2.0)	brass	nickel
7	insulator A	vulcanize fiber	red
8	insulator B	vulcanize fiber	red
9	nut	brass	nickel
10	washer	steel	nickel

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	housing	PBT (UL94V-0)	black
2	center pin terminal (1)	copper alloy	silver
3	tip spring (2)	copper alloy	silver
4	shunt spring (3)	copper alloy	silver
5	bushing	copper alloy	nickel
6	center pin	copper alloy	nickel
7	washer	bakelite	---
8	nut	copper alloy	nickel
9	washer	0195	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: UL94H9			
RoHS	yes			
SOLDERABILITY				
parameter	conditions/description	min	typ	max units
hand soldering	for 3+0.5 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	325 °C

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

PCN Approval:

Operations/Quality

Product Management