

Product Change Notice (PCN)

Date: **10/25/2024**

PCN Number: **PCN-0456196R-01**

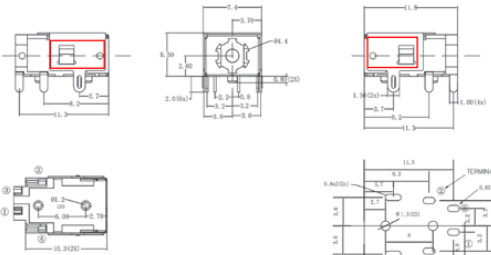
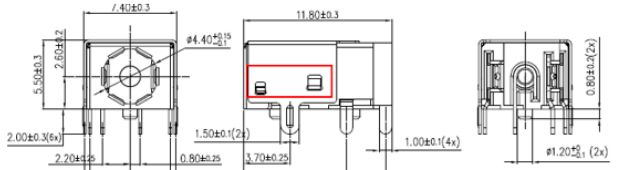
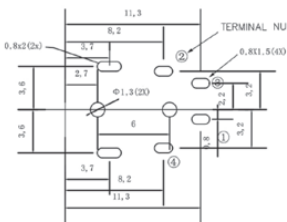
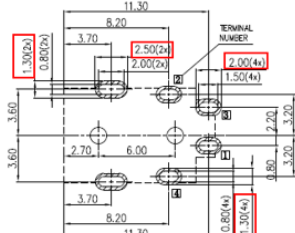
To Our Customers:

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-086H**

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

Description of Change: **Product re-engineered for improved manufacturability and production yield. See image below for reference and check the Same Sky website for updated drawing. Cosmetic differences may be visible but will not affect the form fit and function of the product.**

PREVIOUS DETAIL / IMAGE	NEW DETAIL / IMAGE
	
 <p>Recommended PCB Layout Top View</p>	 <p>Recommended PCB Layout Top View</p>

PREVIOUS DETAIL / IMAGE

NEW DETAIL / IMAGE

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
rest storage	10-30°C, <70% humidity				°C
reflow soldering	see reflow profile	255	260		°C
drying conditions ¹	parts in rest bake at 120°C for 4 hours parts removed from rest bake at 120°C for 4 hours				

Note: 1. Same Sky recommends to solder within 12 hours from opening vacuum packaging at a temperature >20°C in relative humidity <65%.
2. After soldering heat for 100 hours.

• Time 25°C to Peak Temp. ----- 8 Minute Max.
• Time within 2°C of Actual Peak Temp. --- 20-40 Seconds

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
rest storage	5-35°C, <75% humidity				°C
reflow soldering	see reflow profile			260	°C
drying conditions	bake at 120°C for 4 hours				

• Temperature measurement point: resin surface
• Max. 10 s
• 250°C: 60 s
• 220°C: 60 s
• Preheating: 90 s
• 1 - 5°C/s
• 1 - 4°C/s

PACKAGING

units: mm

Reel Size Ø330 mm
Reel QTY: 700 pcs per reel

Affected Date Code: All orders placed after **10/17/2024**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

Roger Garcia

Product Management

[Signature]