

Product Change Notice (PCN)

Date: **10/25/2024**

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

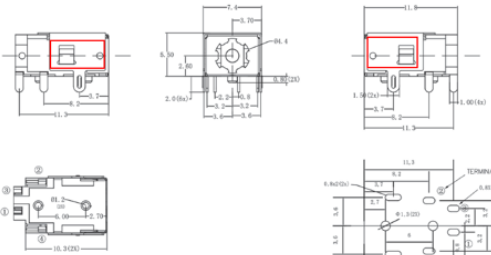
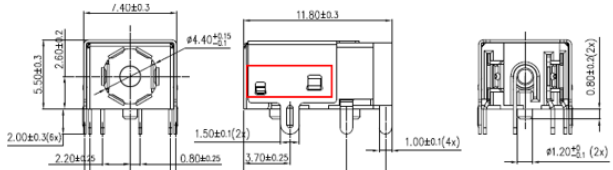
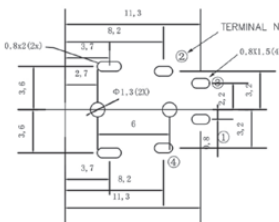
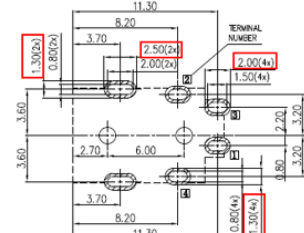
To Our Customers:

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																																																
<p>SOLDERABILITY</p> <table border="1"> <thead> <tr> <th>parameter</th> <th>conditions/description</th> <th>min</th> <th>typ</th> <th>max</th> <th>units</th> </tr> </thead> <tbody> <tr> <td>rest storage</td> <td>10-30°C, <70% humidity</td> <td></td> <td></td> <td></td> <td>°C</td> </tr> <tr> <td>reflow soldering¹</td> <td>see reflow profile</td> <td>255</td> <td>260</td> <td></td> <td>°C</td> </tr> <tr> <td>drying conditions²</td> <td>parts in rest: bake at 120°C for 4 hours parts removed from rest: bake at 120°C for 4 hours</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Note: 1. Same Sky recommends to solder within 12 hours from opening vacuum packaging at a temperature <math>20^{\circ}\text{C}</math> of relative humidity <math>65\%</math>. 2. When necessary, heat for 10-150 hours.</p>	parameter	conditions/description	min	typ	max	units	rest storage	10-30°C, <70% humidity				°C	reflow soldering ¹	see reflow profile	255	260		°C	drying conditions ²	parts in rest: bake at 120°C for 4 hours parts removed from rest: bake at 120°C for 4 hours					<p>SOLDERABILITY</p> <table border="1"> <thead> <tr> <th>parameter</th> <th>conditions/description</th> <th>min</th> <th>typ</th> <th>max</th> <th>units</th> </tr> </thead> <tbody> <tr> <td>rest storage</td> <td>5-35°C, <75% humidity</td> <td></td> <td></td> <td></td> <td>°C</td> </tr> <tr> <td>reflow soldering</td> <td>see reflow profile</td> <td></td> <td></td> <td>260</td> <td>°C</td> </tr> <tr> <td>drying conditions</td> <td>bake at 120°C for 4 hours</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	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				
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<p>PACKAGING</p> <p>units: mm</p> <p>Reel Size: Ø330 mm Reel QTY: 700 pcs per reel</p>	<p>PACKAGING</p> <p>units: mm</p> <p>Reel Size: Ø330 mm Reel QTY: 500 pcs per reel</p> <p>NOTE: 1. CARRIER TAPE PACKING LENGTH: 1200mm (1200) 8000mm (8000) 1600mm (1600) START END: 1200mm (1200) 8000mm (8000) 1600mm (1600) CARRIER TAPE 800mm (800)</p>																																																

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

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

Roger Adrian

Product Management

[Signature]