

Product Change Notice (PCN)

Date: **11/21/2024**

PCN Number: **PCN-0456255R-01**

To Our Customers:

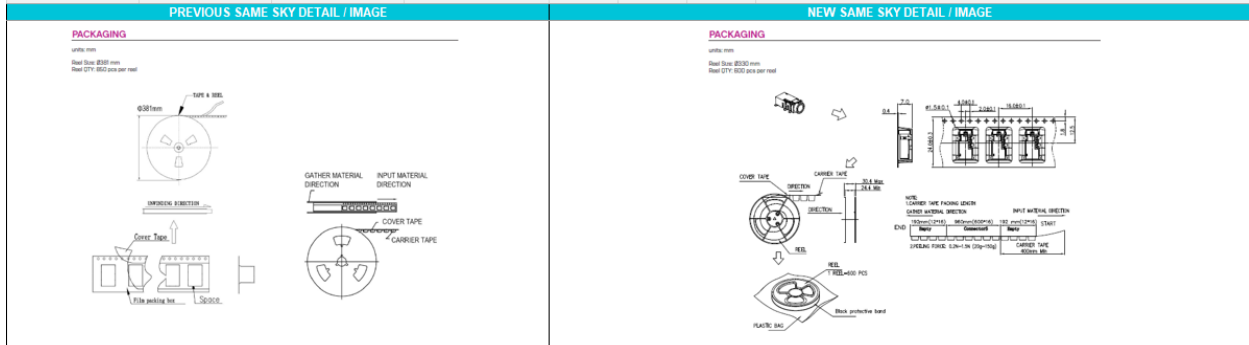
We appreciate your use of our products. Our commitment in maintaining and improving processes is demonstrated by plans to enhance our product quality, reliability, and manufacturability. The purpose of this notice is to inform you of a product change.

Product(s) Affected: **SJ2-35364B-SMT-TR**

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 SAME SKY DETAIL / IMAGE	NEW SAME SKY DETAIL / IMAGE																																				
<p>Technical drawing showing previous dimensions: 0.50 (2x), 1.90, 2.50, 4.60, 4.20, 2.10, 03.600, 6.00, 3.00, 05.50, 4.3 (5x), 11.5, 1.00 (5x), 5.2, 1.9, 4.0 (3x), 01 (2x), 11.9, 4.3 (2x), 4.3 (2x), 4.3 (2x). A detail callout 'A. DETAIL COPLANARITY' is shown.</p>	<p>Technical drawing showing new dimensions: 2.50 (2x), 4.50 (2x), 1.90 (2x), 2.10 (2x), 4.20 (2x), 6.00 (2x), 3.00 (2x), 03.60 (2x), 05.50 (2x), 4.30 (2x), 2.00 (2x), 4.30 (2x), NEW-A.</p>																																				
<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>refl storage</td> <td>10-30°C, <75% 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> </tbody> </table> <p>drying condition² parts in reel: bake at 110°C for 4 hours parts removed from reel: bake at 110°C for 4 hours</p> <p>Note: 1. Time for reworkable solder paste. 2. Time according to IPC 6103.</p> <p>Reflow profile graph showing temperature (T) vs time. Key points: 180°C, 217°C, 270°C (Peak), 20-40 Sec. Above 217°C -> 60-130 Sec. 82°C/min. Cooling in still air.</p> <p>* Time 20% to Peak Temp. --- 8 Minutes Max. * Time within 5°C of Actual Peak Temp. --- 20-40 Seconds</p>	parameter	conditions/description	min	typ	max	units	refl storage	10-30°C, <75% humidity				°C	reflow soldering ¹	see reflow profile	255	260		°C	<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>refl storage</td> <td>5-30°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> </tbody> </table> <p>drying conditions bake at 100°C for 4 hours</p> <p>Reflow profile graph showing temperature (T) vs time. Key points: 180°C, 260°C (Peak), 20-40 Sec. Max: 10% 260°C. 82°C/min. Temperature measurement point: reflow surface. 1 - 4°C/s.</p>	parameter	conditions/description	min	typ	max	units	refl storage	5-30°C, <75% humidity				°C	reflow soldering	see reflow profile			260	°C
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Affected Date Code: All orders placed after **11/7/2024** * subject to stock availability. Same Sky reserves the right to ship pre-PCN product if available in stock.

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality

Rae O'Brien

Product Management

[Signature]