

Product Change Notice (PCN)

Date: **09/25/2024**

PCN Number: **PCN-0456188R-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-030DH-SMT-TR**

Reason(s) for Change: *Manufacturing process improvements*

Description of Change: *New Factory Location. Product re-engineered for improved manufacturability and production yield. See image below for reference and check the Same Sky website for updated drawing after 10/20/2024. 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>Recommended PCB Layout Top View</p>	<p>Recommended PCB Layout Top View</p>

PREVIOUS SAME SKY DETAIL / IMAGE			NEW SAME SKY DETAIL / IMAGE		
DESCRIPTION	MATERIAL	PLATING/COLOR	DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	tin	center pin	copper	nickel
terminal 1	brass t=0.3	silver	terminal 1	brass	silver over nickel
terminal 2	phosphorus bronze t=0.3	silver	terminal 2	copper alloy	silver over nickel
terminal 3	brass t=0.4	silver	terminal 3	brass	silver over nickel
shield	stainless steel	nickel	shield	cold rolled steel	nickel
housing	PPA [UL94V-0]	black	housing	PA10T [UL94V-0]	black

<p>MATING PLUG Jack Insertion Depth: 6.5mm</p>	<p>MATING PLUG Jack Insertion Depth: 6.6mm</p>
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<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>5-35°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>255</td> <td>260</td> <td></td> <td>°C</td> </tr> <tr> <td>drying conditions¹</td> <td>parts in reel: bake at 120°C for 4 hours parts removed from reel: bake at 120°C for 4 hours</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Note: 1. Same lot requirements to order unless 2. Move from shipping/receiver packaging at a temperature <math>20\pm 2\text{C}</math> within humidity <math>60\pm 5\%</math> 2. When unloading from the lot <math>4\pm 0.5\text{ hours}</math></p>				parameter	conditions/description	min	typ	max	units	refl storage	5-35°C, <75% humidity				°C	reflow soldering	see reflow profile	255	260		°C	drying conditions ¹	parts in reel: bake at 120°C for 4 hours parts removed from reel: 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>refl 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	refl 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 Reel Size: 8330 mm Reel QTY: 500 pcs per reel</p>				<p>PACKAGING</p> <p>units: mm Reel Size: 8330 mm Reel QTY: 800 pcs per reel</p>																																																			



Affected Date Code: All orders placed after **10/20/2024**

Product Availability: *Pertaining to market availability*

PCN Approval:

Operations/Quality



Product Management

