

# Product Change Notice (PCN)

Date: **5/23/2023**

PCN Number: **PCN-0456189R-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-091H-MSMT-TR

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

Description of Change: solderability, and packaging differences as shown below:

PREVIOUS CUI DEVICE'S DETAIL / IMAGE

**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
reflow storage <sup>a</sup>	at relative humidity <60%			40	°C
reflow soldering <sup>a</sup>	see reflow profile	255	260	265	°C
drying conditions <sup>a</sup>	parts in reel bake at 40°C ±5°C for 72 hours parts removed from reel bake at 40°C ±5°C for 10 hours				

Note:  
 1. Must reflow solder within 72 hours from opening vacuum packaging at a temperature <10°C & relative humidity <60%.  
 2. When exceeding floor life by 172 hours.

NEW CUI DEVICES DETAIL / IMAGE

**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
reflow storage	10-30°C, <70% humidity				°C
reflow soldering <sup>a</sup>	see reflow profile	255	260		°C
drying conditions <sup>a</sup>	parts in reel bake at 110°C for 4 hours parts removed from reel bake at 110°C for 4 hours				

Note:  
 1. CUI Devices recommends to solder within 72 hours from opening vacuum packaging at a temperature <10°C & relative humidity <60%.  
 2. When exceeding floor life by 1440 hours.

\* Time 25°C to Peak Temp. --- 8 Minutes Max.  
 \* Time within 3°C of Actual Peak Temp. --- 20-40 Seconds

unit: mm  
 Reel Size: Ø260 mm  
 Reel QTY: 950 pcs per reel

unit: mm  
 Reel Size: Ø260 mm  
 Reel QTY: 950 pcs per reel

Affected Date Code: **5/18/23**

Product Availability: **Channel Availability Q3**

Additional Information:

PCN Approval:

F-723-001

Revision: A



Operations/Quality

*Rae O'Brien*

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Product Management

*RH*

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