

**MACOM Technology Solutions, Inc.**

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Little Island,  
Co. Cork,  
Ireland.  
www.macomtech.com



Dec 9th, 2016

Digi-Key Corporation  
701 Brooks Ave South  
Thief River Falls, Minnesota 56701

ATTN: Quality/Purchasing Manager

**Subject: Adding epoxy to weld connections MABA-007681-CT2010**

**PCN-00960**

Dear Valued Customer:

Please accept this PCN letter as formal notification for the change of MACOM Technology Solutions part number(s) shown below.

The device(s) listed on this page are the affected device(s).

According to our records, one or more of these devices has been purchased by your company within the past twenty-four (24) months.

**MACOM Part Number(s):**

MABA-007681-CT2010

Technical details of this change notice follow on the next page(s).

Please contact me if you have any questions.

Sincerely,

**Alan Miller**

Product Line Manager (CATV)  
MACOM Technology Solutions  
Cell: +978-427-7482

Email: [alan.miller@macom.com](mailto:alan.miller@macom.com)

<b>PCN Number: 00960</b>		<b>PCN Date:</b>	Dec 9th, 2016
<b>Title:</b> The change is adding epoxy to each weld connection to facilitate wire tuning.			
<b>Proposed 1st Ship Date:</b> With Immediate Effect Date Code 1650 Onwards		<b>Estimated Sample Availability:</b> 50 samples of each available immediately if required.	
<b>Change Type:</b>			
Assembly Site	Design	Electrical Specification	
Test Site	Assembly Process X	Mechanical Specification	
Test Process	Assembly Materials	Packing/Shipping/Labeling	
<b>PCN Details</b>			
<b>Description of Change:</b>			
<p>To improve production test yields for MACOM P/N MABA-007681-CT2010, fine tuning of the wires leading to the weld connection is required. To protect the weld connections during the tuning process, epoxy will be dispensed on each weld. The epoxy will be cured before tune providing a hard protective shell over each weld connection.</p> <p>The epoxy used to cover the weld connections is the same epoxy already used on this device to attach the core to the PCB. The equipment and controls for dispense and cure of the epoxy are the same as already used for core attach.</p>			
No epoxy weld joint(existing)		Epoxy weld joint(new)	



**Reason for Change:**

Fine tuning of the wires is required to improve production test yields. Epoxy will be dispensed and cured on the weld connections to ensure no contact with the welds during the wire tune process.

**Products Affected:**

MABA-007681-CT2010

**Anticipated impact on Fit, Form, Function:**

Fit and Function unaffected. Form changed due to addition of epoxy.

**Changes to product identification resulting from this PCN:**

None

**Qualification: Test Results**

**Comparative** test results –

**See Appendix I: MABA-007681-CT2010 Test Data.**

**Test**

See Appendix I

**Conditions**

Ambient

**Samples**

50 pieces

Appendix I

MABA-007681-CT2010

