

**M/A-COM Technology Solutions, Inc.**  
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[www.macomtech.com](http://www.macomtech.com)



May 15th, 2019

Richardson RFPD, Inc.  
1950 S. Batavia Ave, Suite 100  
Geneva, Illinois 60134

ATTN: Quality/Purchasing Manager

**Subject: Lead-Free (RoHS 6of6) conversion**

**PCN-01246**

Dear Valued Customer:

Please accept this PCN letter as formal notification for the change of M/A-COM Technology Solutions part number(s) shown below.

**M/A-COM Part Number(s):**

**MAPDCT0028**

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

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

If there are any questions about this communication, please contact your local M/A-COM sales representative.

Sincerely,

**Michael O'Driscoll**  
Commercial Marketing Manager  
M/A COM Technology Solutions Inc.  
Email: [michael.odriscoll@macomtech.com](mailto:michael.odriscoll@macomtech.com)



**PCN Number:** PCN-01246

**PCN Date:** May 15th, 2019

**Title: Lead-free conversion of MACOM part number listed.**

The change is updating from HMP solder to SAC-305 Pb-free solder on top of PCB.

Also change the T1, T2 core to an alternative supplier.

**Proposed 1st Ship Date:**

August 15<sup>th</sup>, 2019

**Estimated Sample Availability:**

50 Samples available immediately if required.

**Change Type:**

Assembly Site

Design

Electrical Specification

Test Site

Assembly Process

Mechanical Specification

Test Process

Assembly Materials X

Packing/Shipping/Labeling

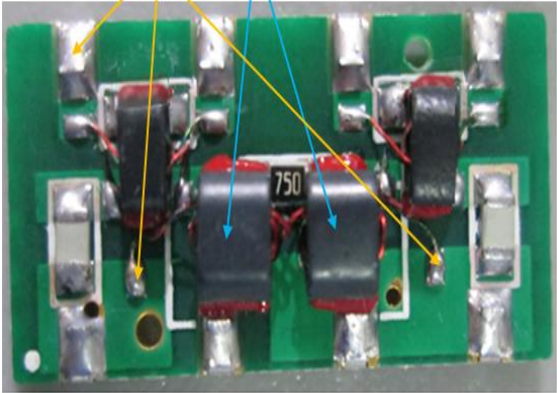
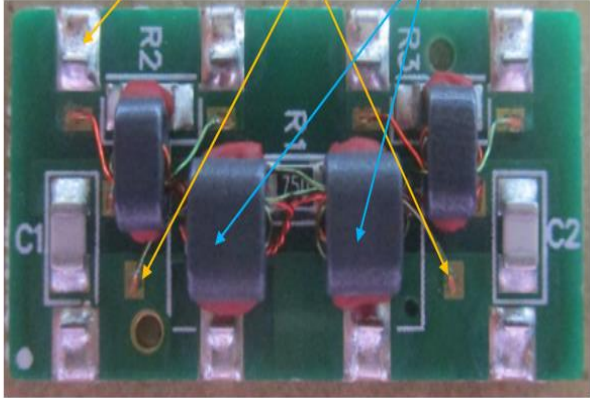
**PCN Details**

**Description of Change:**

The solder is changing from HMP to SAC-305 to remove Pb.

Change the T1,T2 core to alternative supplier.

Macom test data shows that there is no significant changes to the test data as seen in Appendix I.

<p>Existing (HMP solder; existing T1,T2 core)</p> 	
<p>New( using SAC305 solder; weld wire; new T1, T2 core)</p> 	
<p><b>Reason for Change:</b></p>	
<p>To comply with market request for product to be lead-free. To add an alternative core supplier to avoid material shortage.</p>	
<p><b>Products: Affected:</b></p>	
<p>MAPDCT0028</p>	
<p><b>Anticipated impact on Fit, Form, Function:</b></p>	
<p>Fit, Function and outline dimensions unaffected.</p>	
<p><b>Changes to product identification resulting from this PCN:</b></p>	
<p>None</p>	
<p><b>Qualification: Test Results</b> See Appendix I: MAPDCT0028 Test Comparison Data.</p>	

## Appendix I

