

M/A-COM Technology Solutions, Inc.

4 East Gate Road,
Little Island,
Co. Cork,
Ireland.
www.macomtech.com



January 21st 2015

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

ATTN: Quality/Purchasing Manager

Subject: Lead-Free (RoHS 6of6) conversion – Wire Tap Solder Change.

PCN-00706

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.

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

According to our records, this device has been purchased by your company within the past twenty-four (24) months.

M/A-COM Part Number(s):

MABA-009471-CT1031
MABA-009594-CF18A0
MABA-009601-CF18A0

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

Please contact me if you have any questions.

Sincerely,

Graham Board

Product Line Manager
M/A-COM Technology Solutions
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Email: Graham.Board@macomtech.com

M/A-COM TECHNOLOGY SOLUTIONS CONFIDENTIAL & PROPRIETARY

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PCN Number: 00706		PCN Date:	21 st January 2015
Title: Lead-free conversion of MACOM P/Ns			
M/A-COM Tech Part #	Change		
MABA-009594-CF18A0	Floating Tap to SAC-305 solder from HMP		
MABA-009601-CF18A0	Floating Tap to SAC-305 solder from HMP		
MABA-009471-CT1031	Floating Tap to SAC-305 solder from HMP		
Proposed 1st Ship Date:			
After MACOM's Inventory of HMP parts is consumed.		Estimated Sample Availability:	
Immediate implementation. Product processed with Date code 1506 onwards will have SAC305 solder in the wire floating tap connection.		50 samples each available immediately	
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 MACOM parts listed currently use leaded HMP solder to connect wires in a FloatingTap connection as shown below. To facilitate the customer's request for these parts to be lead free MACOM is changing the floating tap solder from leaded HMP solder to Lead-free SAC305 solder.			

<p>MABA-009471-CT1031 Floating Tap Wires soldered and Covered in epoxy</p> <p>Change Description:</p> <table border="1"> <thead> <tr> <th></th> <th>Current</th> <th>New</th> </tr> </thead> <tbody> <tr> <td>Wire Tap</td> <td>HMP</td> <td>SAC 305</td> </tr> <tr> <td>Solder</td> <td>Contains Pb</td> <td>Pb free</td> </tr> </tbody> </table> 		Current	New	Wire Tap	HMP	SAC 305	Solder	Contains Pb	Pb free	<p>MABA-009594-CF18A0 Floating Tap Wires soldered and Covered in epoxy</p> <p>Change Description:</p> <table border="1"> <thead> <tr> <th></th> <th>Current</th> <th>New</th> </tr> </thead> <tbody> <tr> <td>Wire Tap</td> <td>HMP</td> <td>SAC 305</td> </tr> <tr> <td>Solder</td> <td>Contains Pb</td> <td>Pb free</td> </tr> </tbody> </table> 		Current	New	Wire Tap	HMP	SAC 305	Solder	Contains Pb	Pb free	<p>MABA-009601-CF18A0 Floating Tap Wires soldered and Covered in epoxy</p> <p>Change Description:</p> <table border="1"> <thead> <tr> <th></th> <th>Current</th> <th>New</th> </tr> </thead> <tbody> <tr> <td>Wire Tap</td> <td>HMP</td> <td>SAC 305</td> </tr> <tr> <td>Solder</td> <td>Contains Pb</td> <td>Pb free</td> </tr> </tbody> </table> 		Current	New	Wire Tap	HMP	SAC 305	Solder	Contains Pb	Pb free
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Reason for Change:

To comply with RoHS 6of6

Products Affected:

MABA-009471-CT1031
 MABA-009594-CF18A0
 MABA-009601-CF18A0

Anticipated impact on Fit, Form, Function:

None.

Changes to product identification resulting from this PCN:

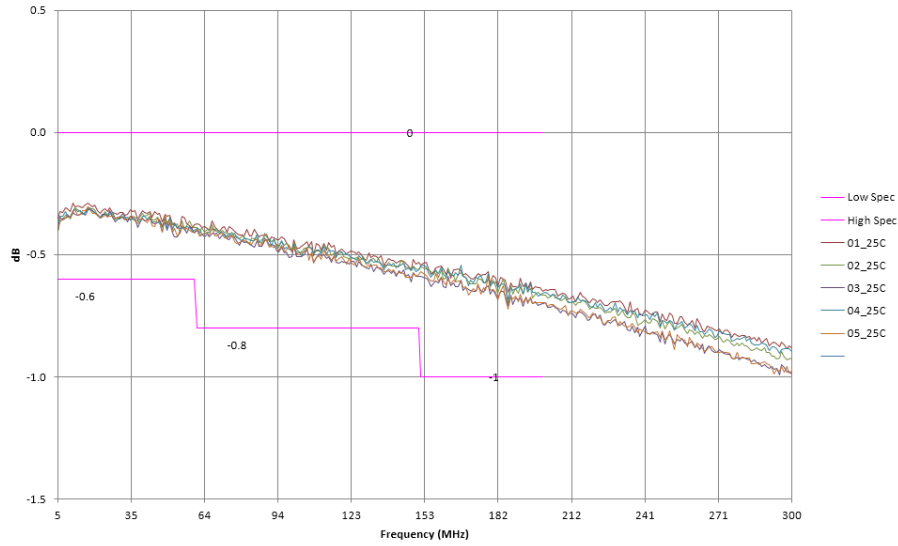
None

Qualification: Test Results

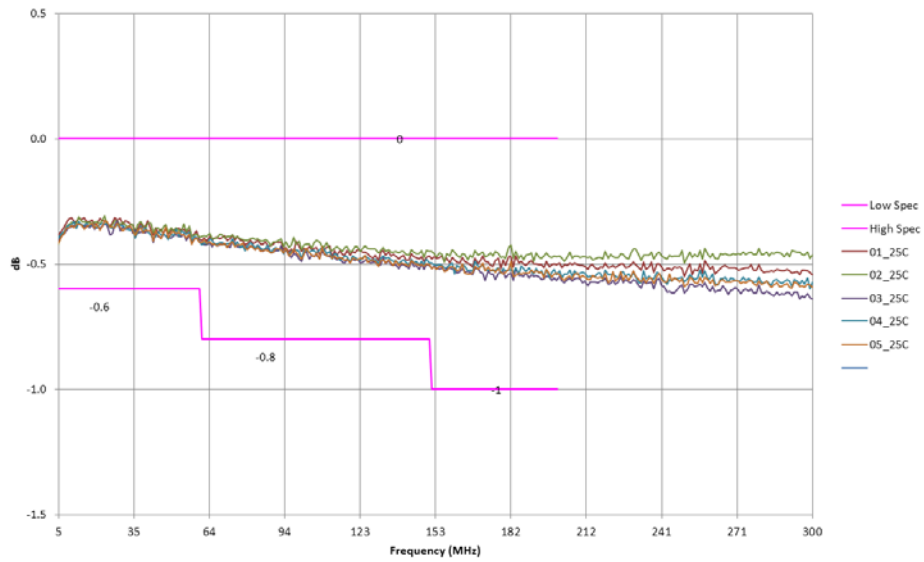
Test	Conditions	Sample Size
All DS Parameters	Ambient	Pass

MABA-009594-CF18A0

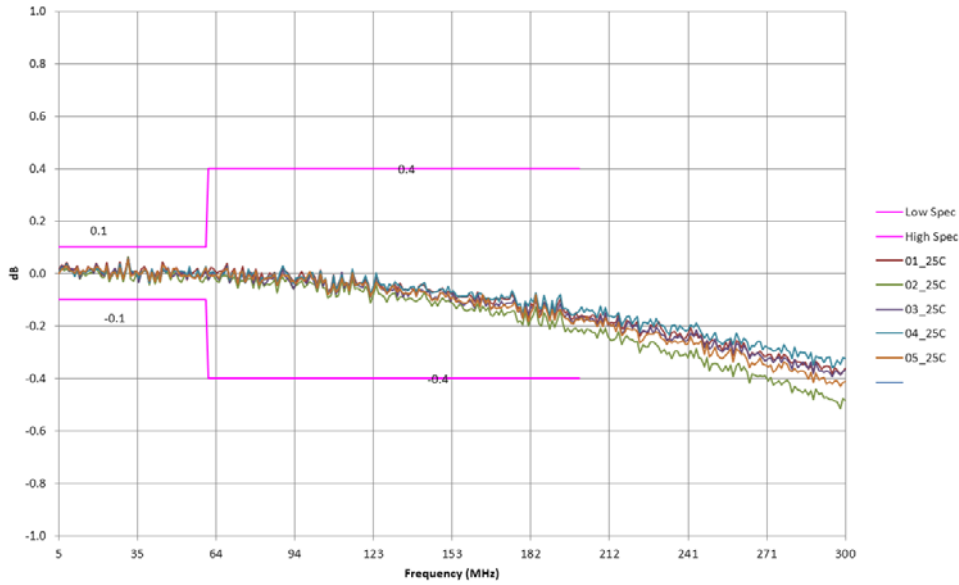
MABA-009594 insertion_loss_1_p1_6



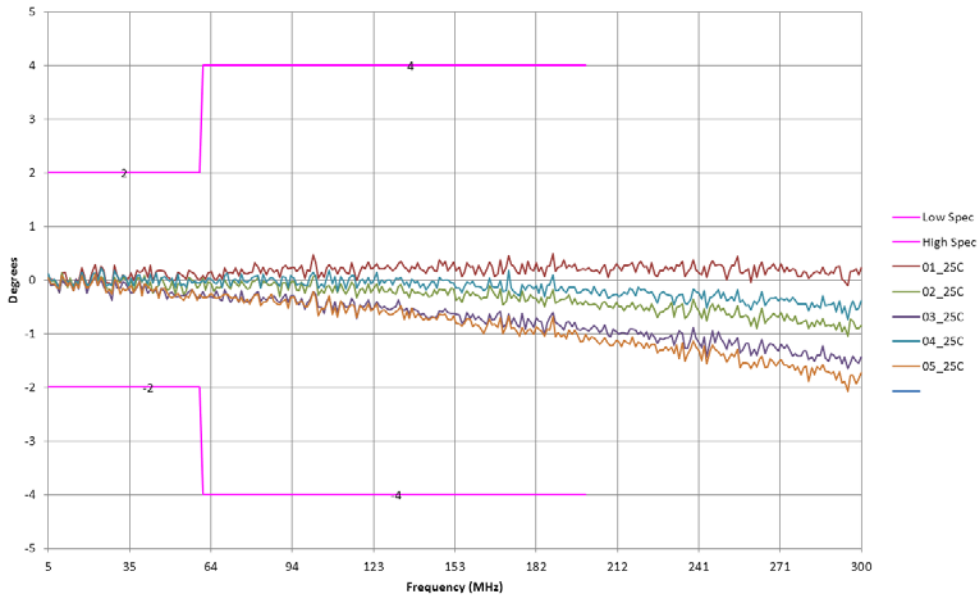
MABA-009594 insertion_loss_2_p1_4

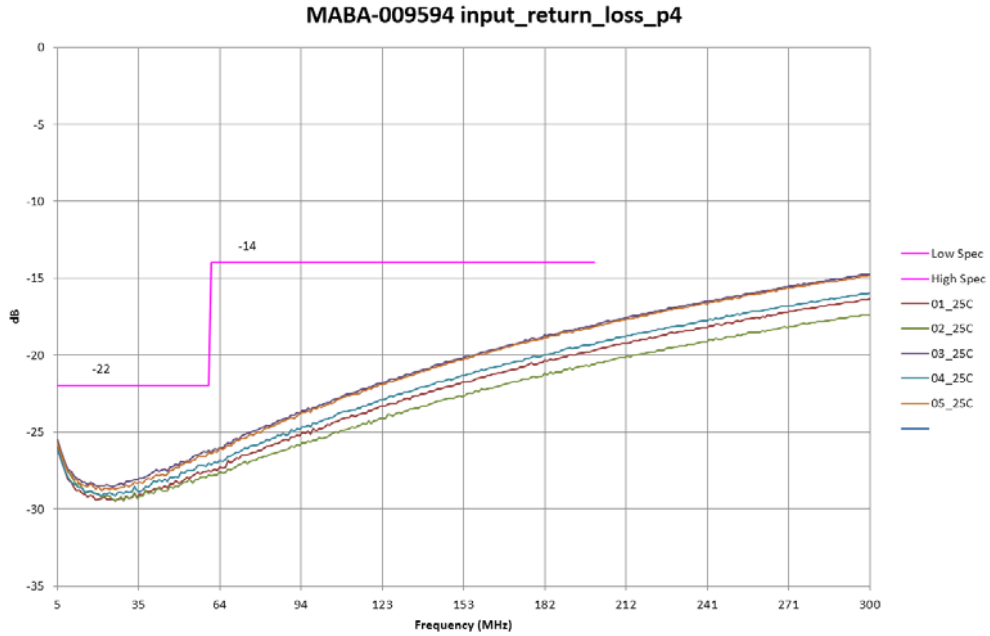


MABA-009594 amplitude_balance

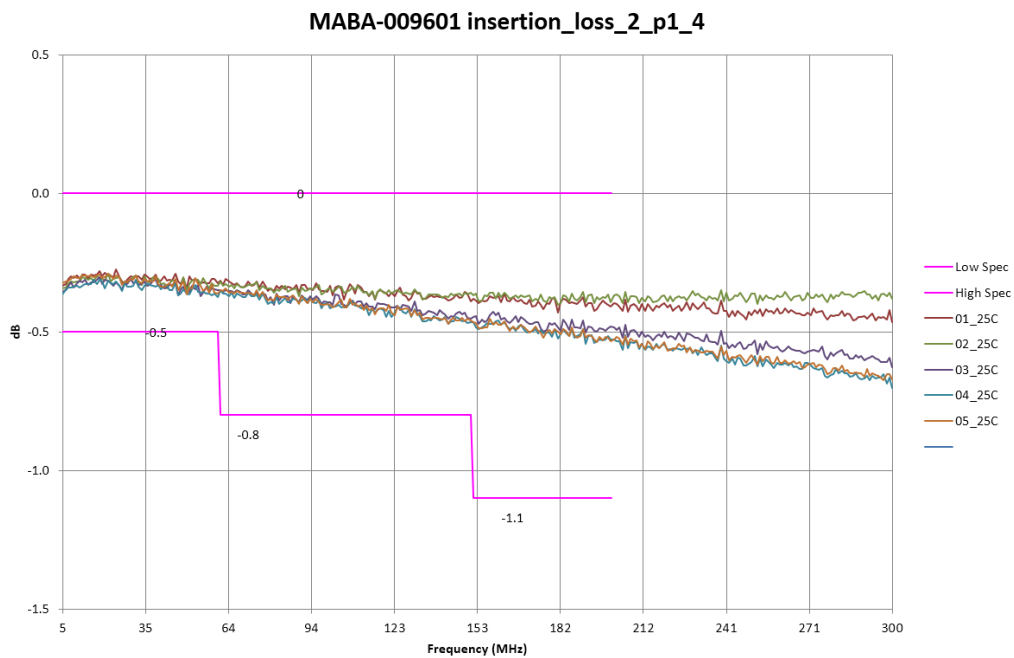
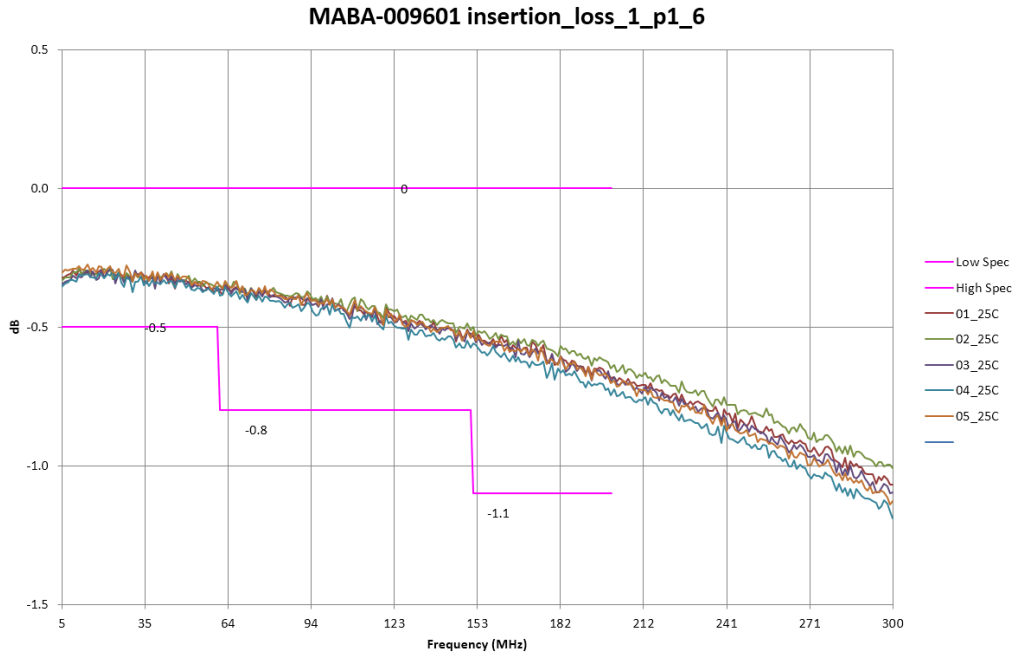


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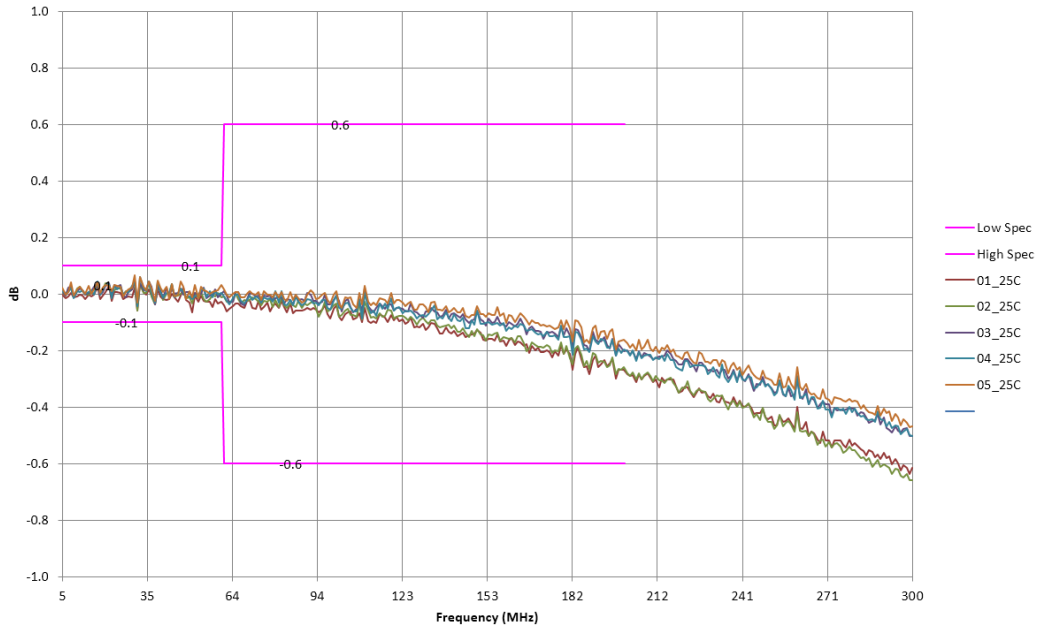




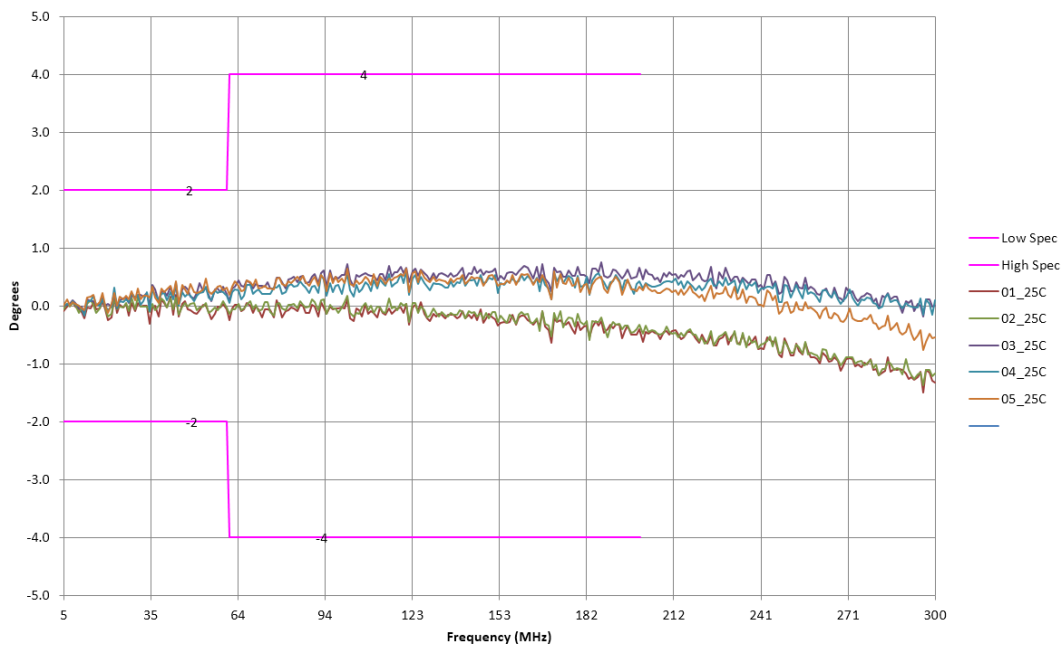
MABA-009601-CF18A0

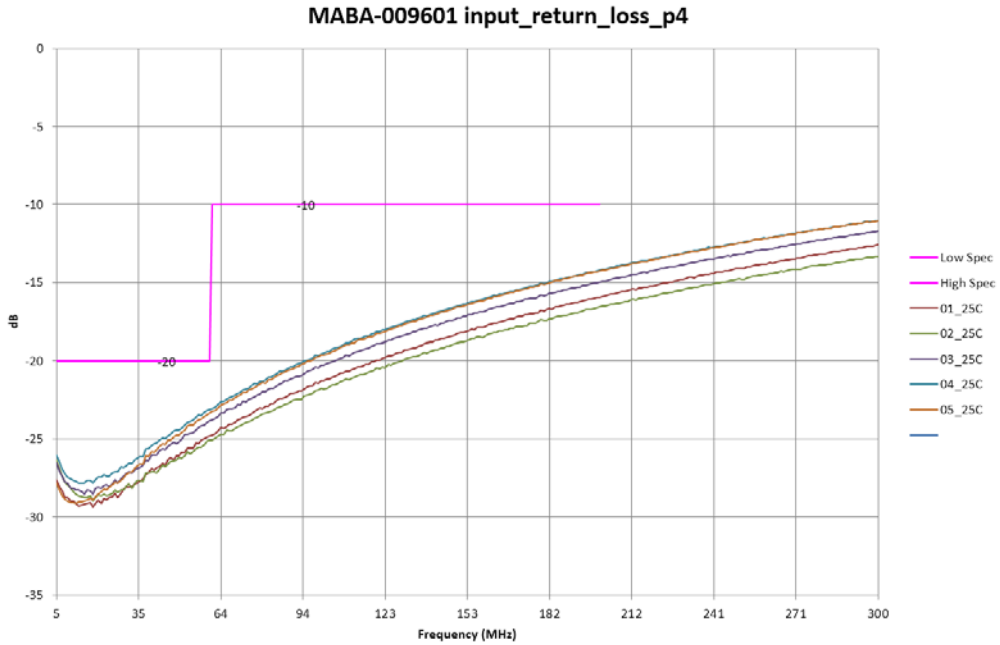


MABA-009601 amplitude_balance



MABA-009601 phase_balance





MABA-009471-CT1031

