

M/A-COM Technology Solutions, Inc.

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Little Island,
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Ireland.
www.macomtech.com



Date March 22nd, 2018

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

ATTN: Quality/Purchasing Manager

Subject: Change the current coated NiZn core to uncoated NiZn core.

PCN-01132

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).

M/A-COM Part Number(s):

MABA-011002
MABA-011043
MABA-011048

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).

Please contact me if you have any questions.

Sincerely,

Alan Miller

Product Line Manager (CATV)
M/A-COM Technology Solutions
Cell: +978-427-7482

Email: alan.miller@macom.com

M/A-COM TECHNOLOGY SOLUTIONS CONFIDENTIAL & PROPRIETARY



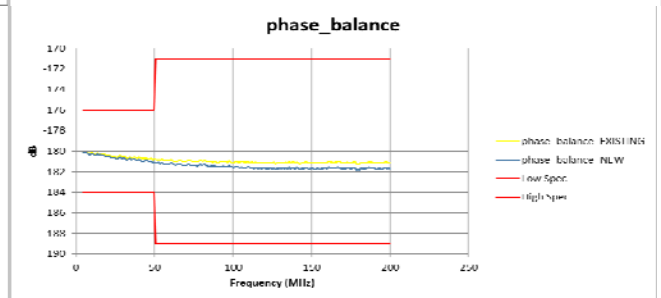
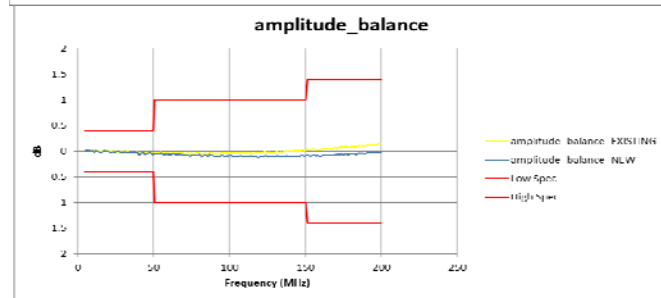
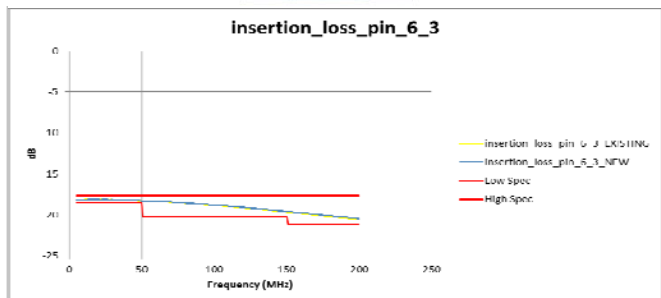
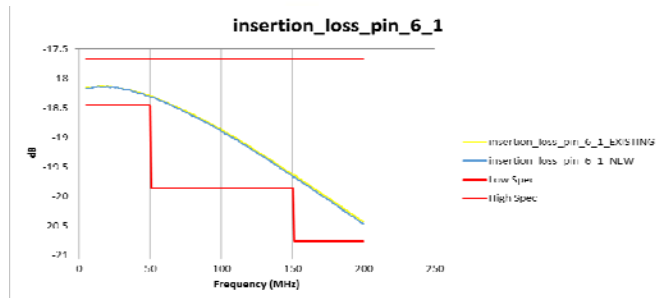
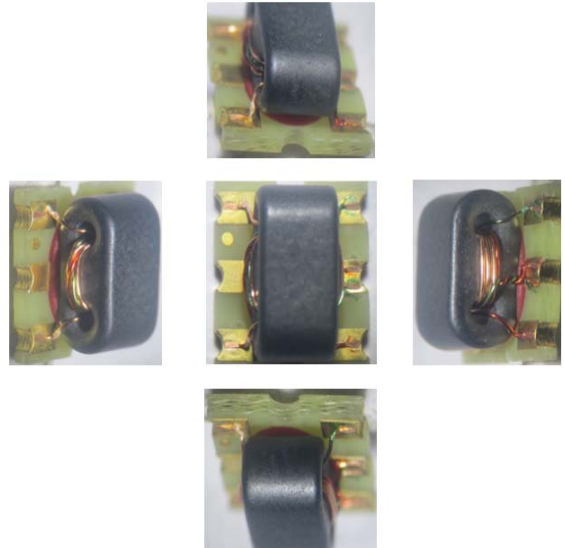
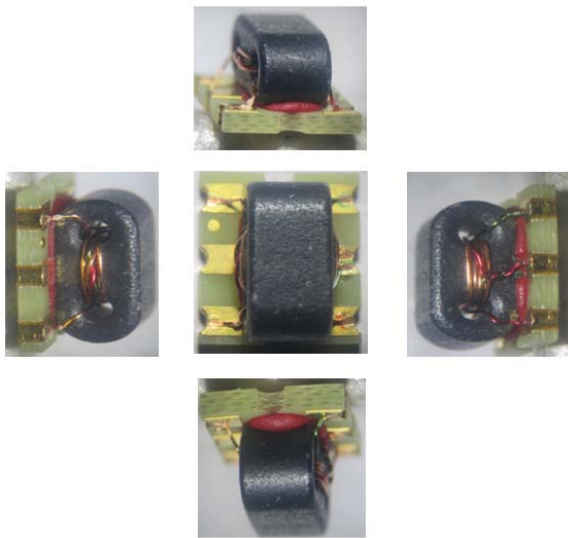
PCN Number: PCN-01132		PCN Date: March 22nd, 2018	
Title: Change the current coated NiZn core to uncoated NiZn core. Nickel zinc material with parylene coating is very easy to get small bubbles on when reflow. The change is to switch from coated to uncoated core to improve cosmetic quality for MABA-011002, MABA-011043, MABA-011048			
Proposed 1st Ship Date: June 21 st , 2018		Estimated Sample Availability: Samples available upon request.	
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:			
Replace coated core by uncoated core for MABA-011002, MABA-011043, MABA-011048			
Reason for Change:			
Reduce cosmetic issue for NiZn core plus Parylene coating.			
Products Affected: MABA-011002, MABA-011043, MABA-011048			
Anticipated impact on Fit, Form, Function:			
Fit Form and Function unaffected. Appearance is slightly changed without the coating.			
Changes to product identification resulting from this PCN:			
None			
Qualification: Test Results			
A functional comparative analysis was performed which showed no significant shift in electrical parameters between transformers using coated core and uncoated core – See Appendix I MABA-011002 appearance and test result			

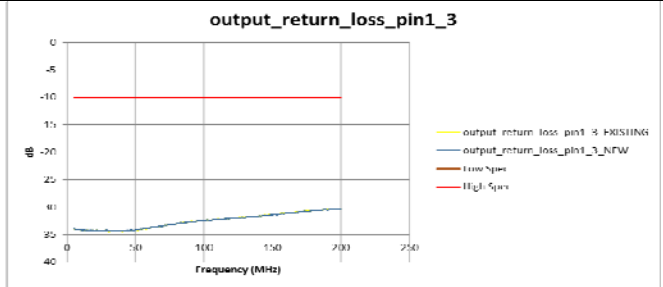
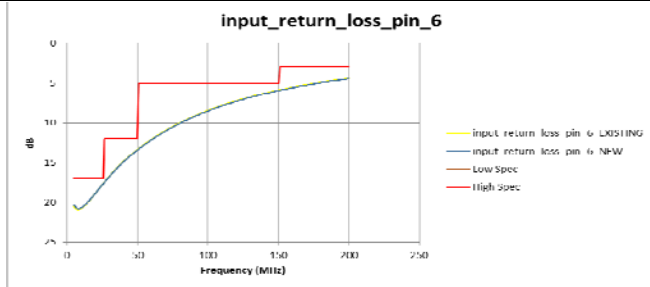
Appendix II MABA-011043 appearance and test result
 Appendix III MABA-011048 appearance and test result

Coated core

Uncoated core

Appendix I
 MABA-011002

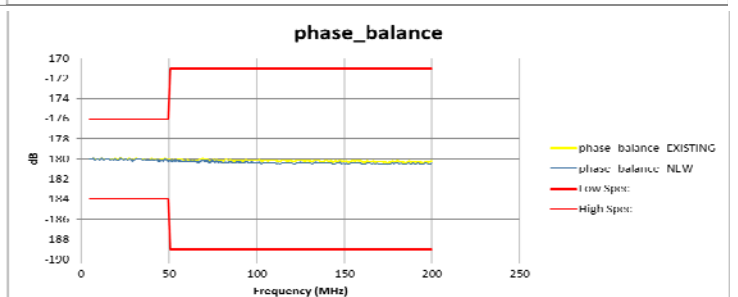
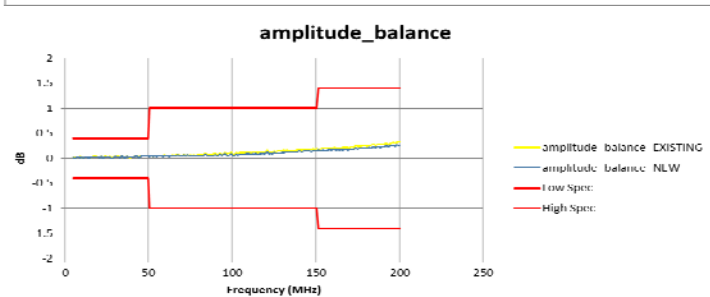
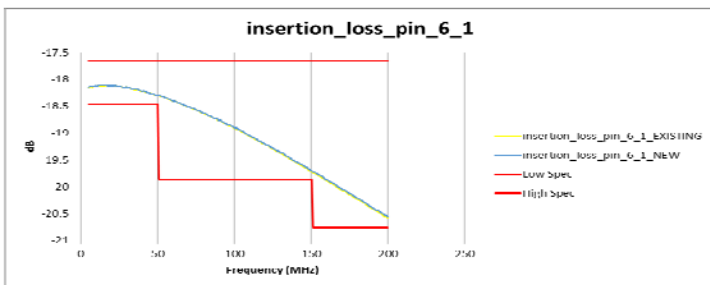
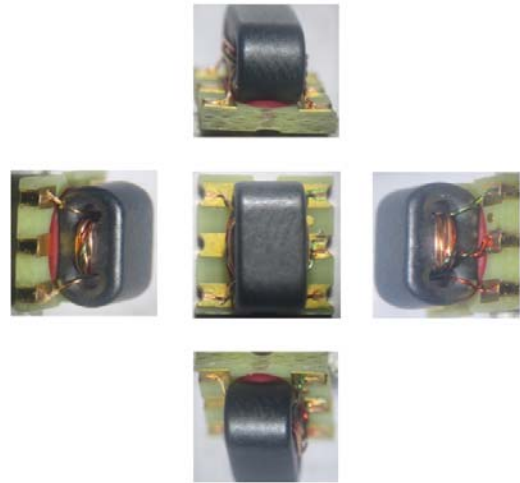
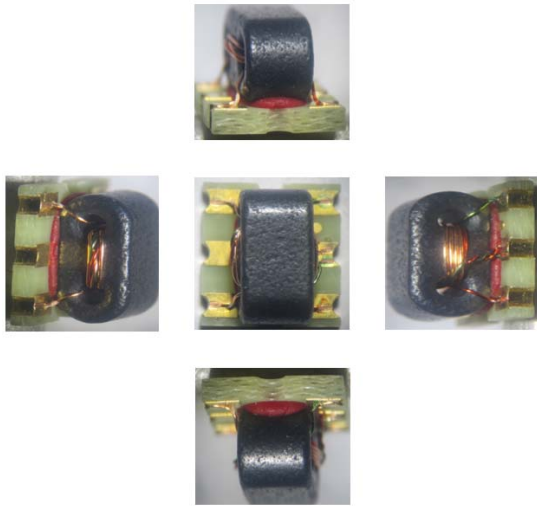


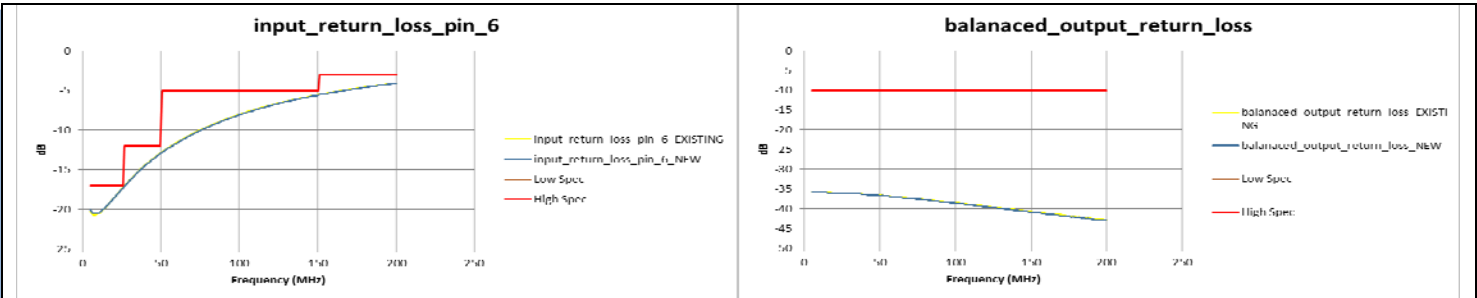


Coated core

Appendix II
MABA-011043

Uncoated core





Coated core

Appendix III
MABA-011048

Uncoated core

