

M/A-COM Technology Solutions, Inc.

4 East Gate Road,
Little Island,
Co. Cork,
Ireland.

www.macomtech.com

September 20th 2019



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

ATTN: Quality/Purchasing Manager

Subject: Alternative Core Supplier.

PCN-01281

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):

MABA-007159-000000

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

PCN Number: PCN-01281		PCN Date: September 20 th 2019
Title: Alternate Core supplier for P/N MABA-007159-000000 needed due to significant price increase of core material from primary supplier. This effort is to maintain the current price provide to customer.		
Proposed 1st Ship Date: Dec 20th 2019		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:		
MACOM has identified a second source for the core used on MABA-007159-000000.		
MABA-007159-000000		
Current Core		Alternative Core

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Reason for Change:

Addition of second source for ferrite core required to ensure consistency of supply chain and maintain product price.

Products Affected:

MABA-007159-000000

Anticipated impact on Fit, Form, Function:

Form Fit and Function unaffected.

Changes to product identification resulting from this PCN:

None

Qualification: Test Results

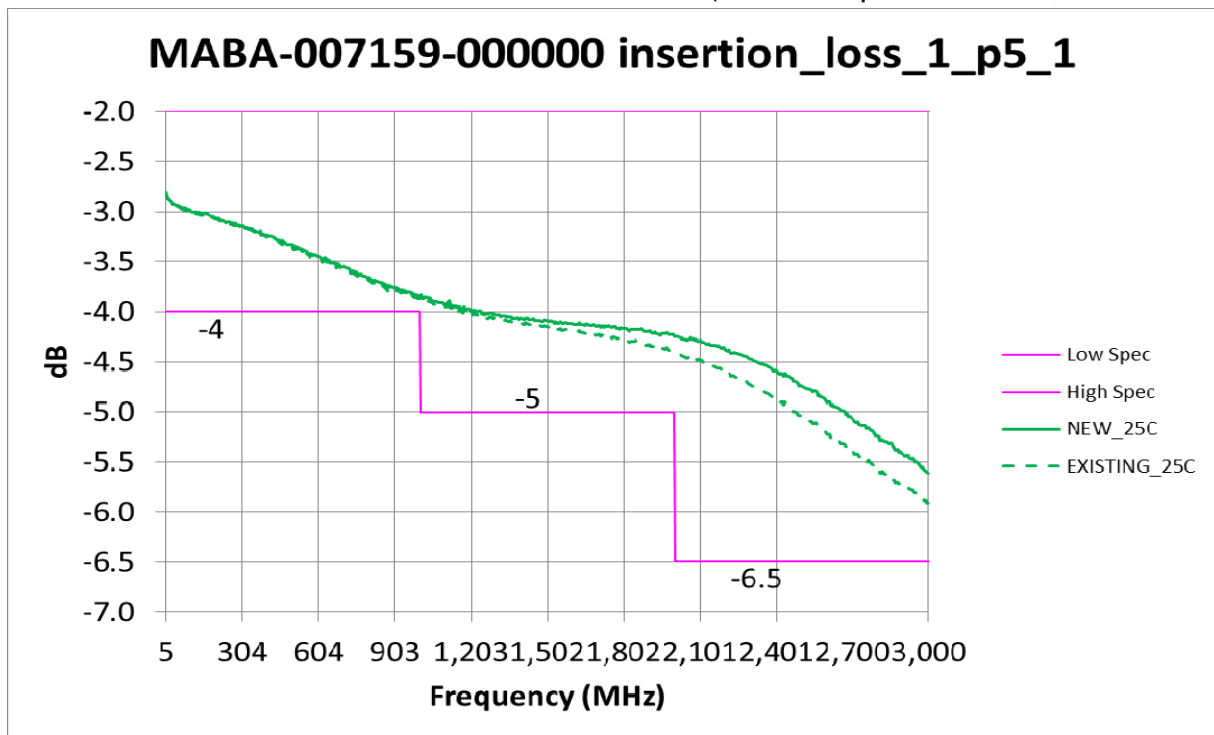
A comparative analysis was performed which showed no significant shift in electrical/mechanical parameters between transformers using the current and second source supplied core.

Appendix I: MABA-007159-000000 Electrical test data(at 25°C as per datasheet)

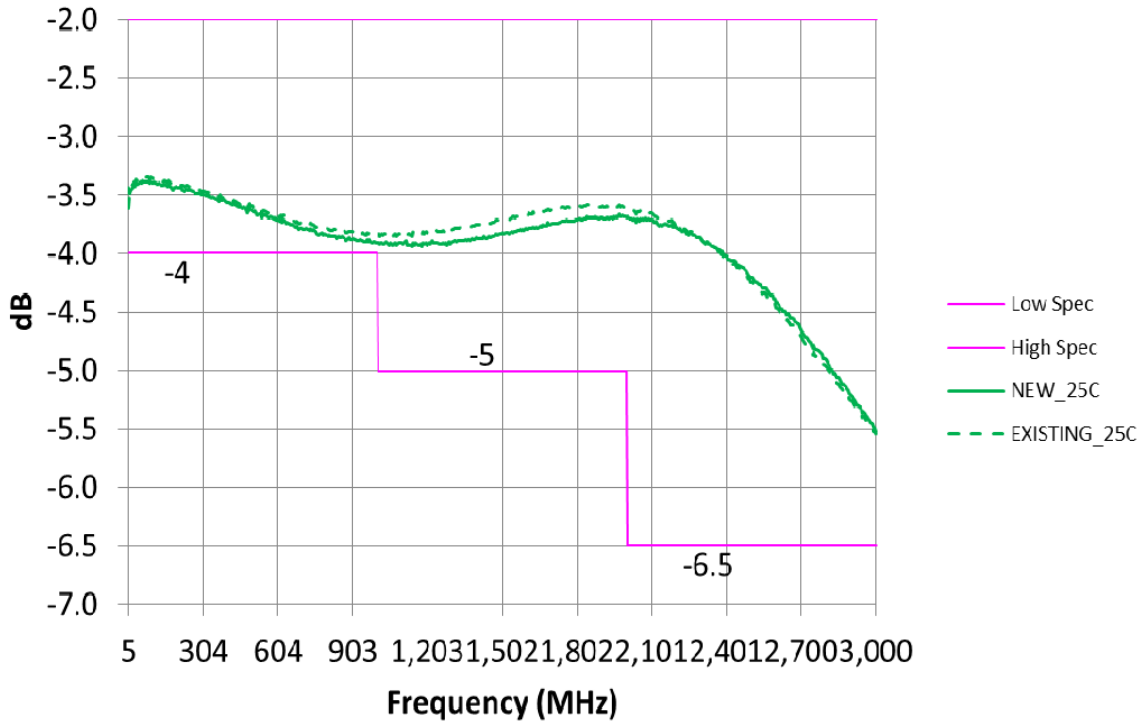
Appendix II : MABA-007159-000000 Over Temperature Comparision Test Data

Appendix I

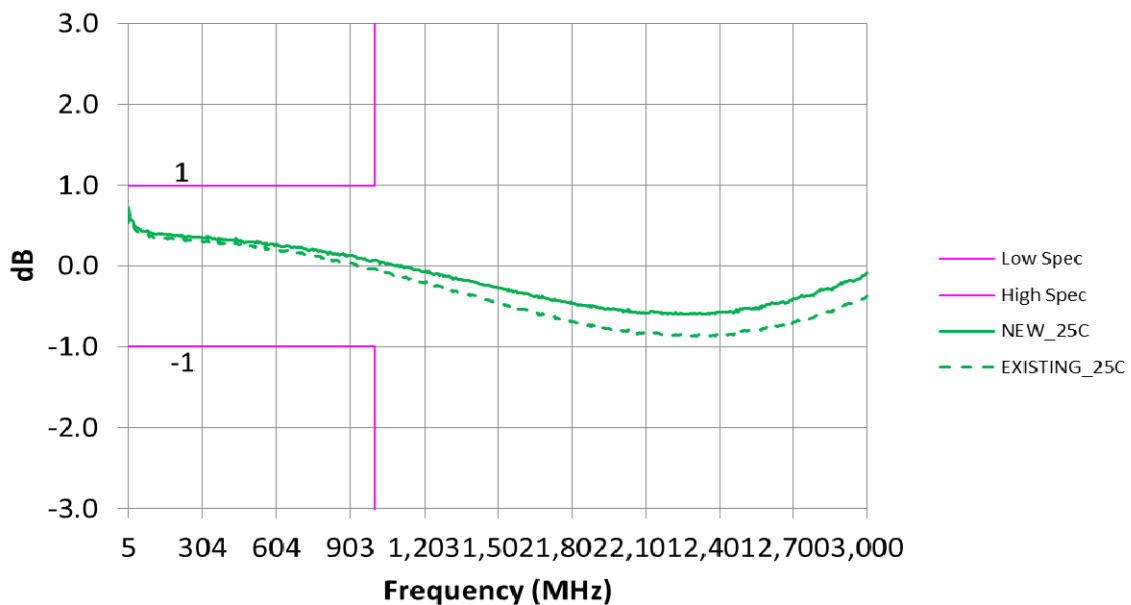
MABA-007159-000000 Electrical test data(at 25°C as per datasheet)

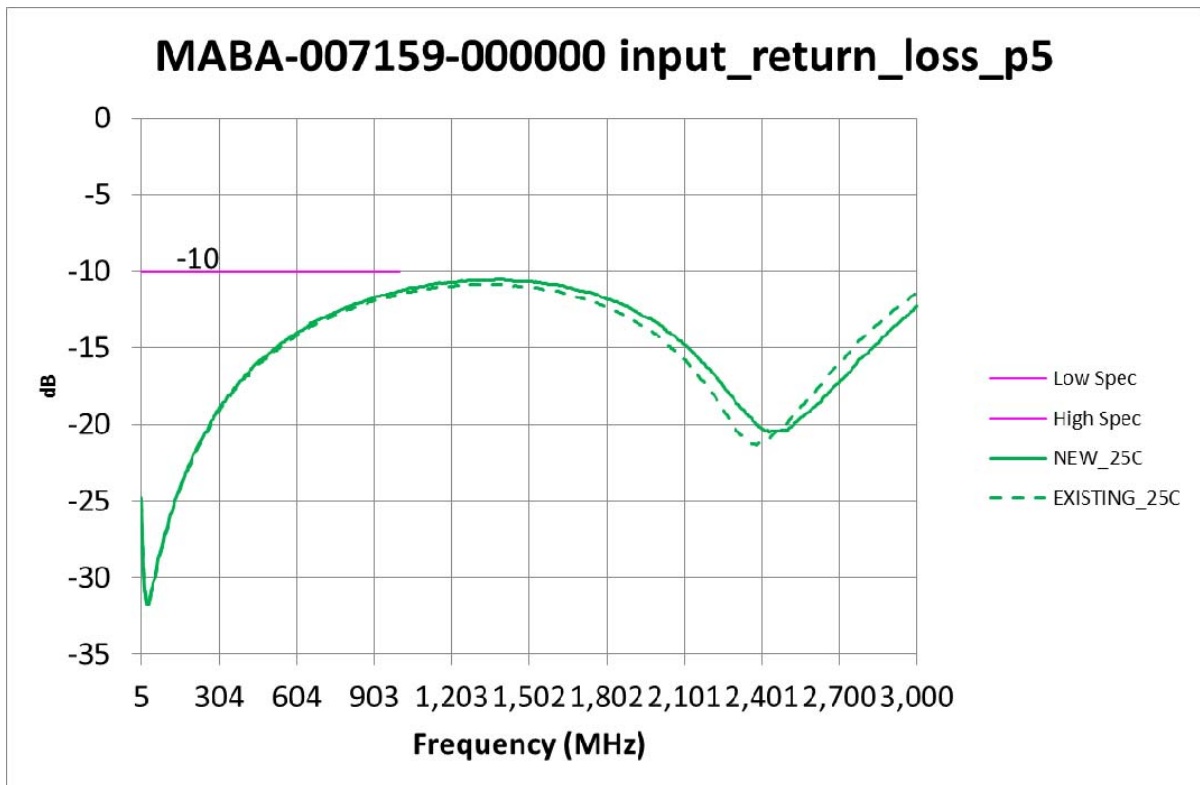
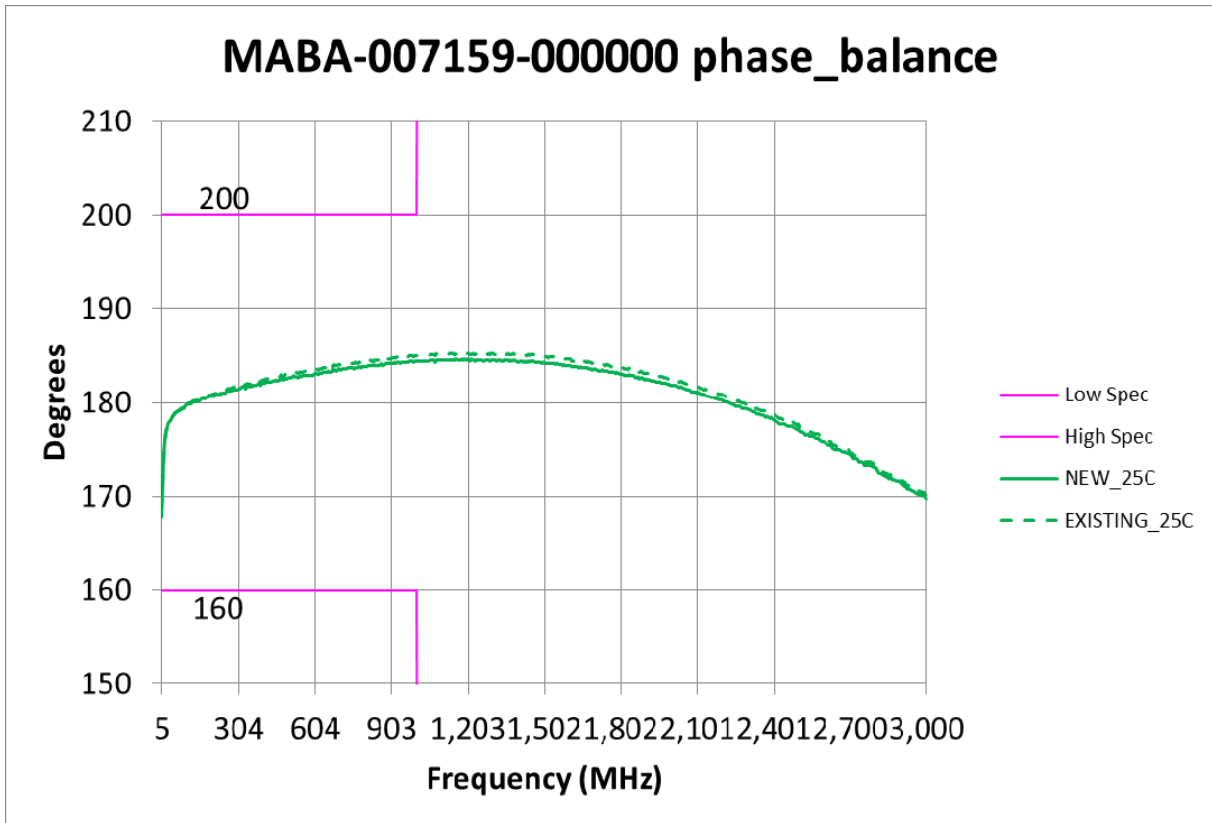


MABA-007159-000000 insertion_loss_2_p5_3



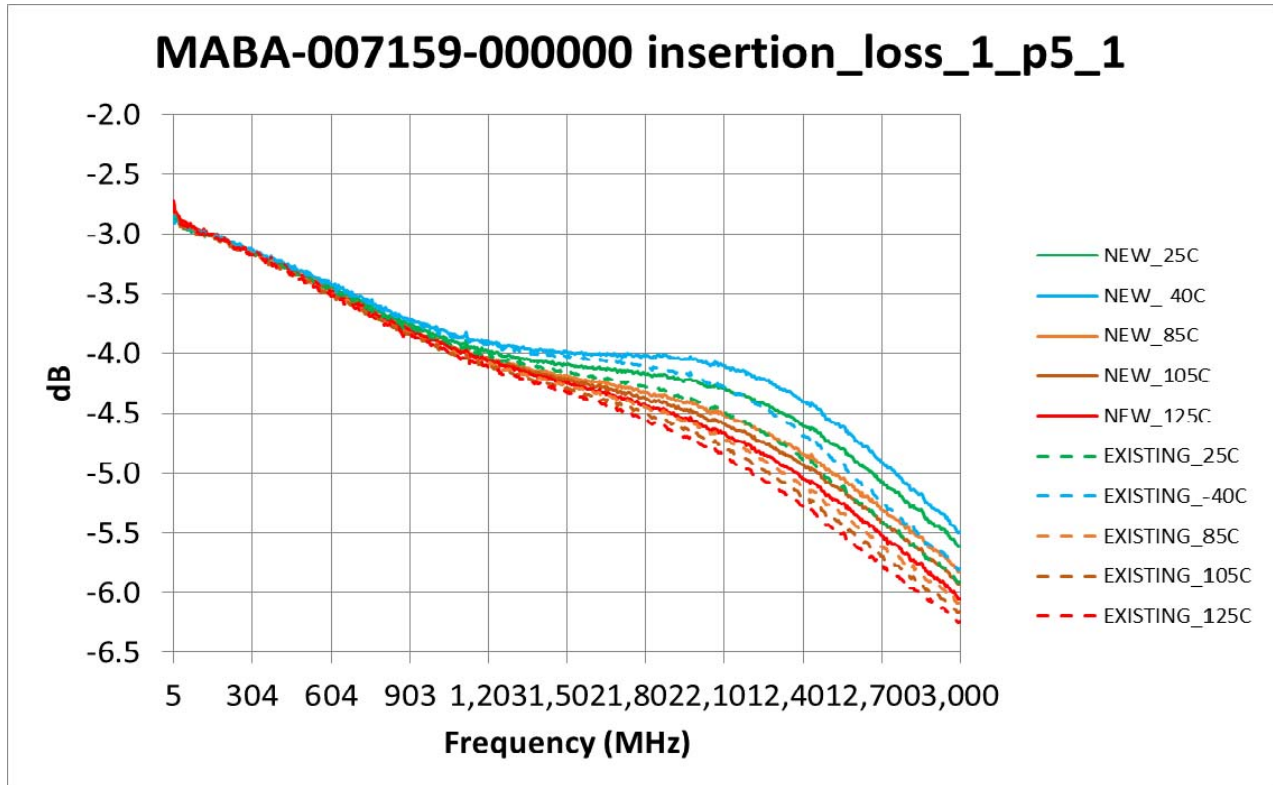
MABA-007159-000000 amplitude_balance



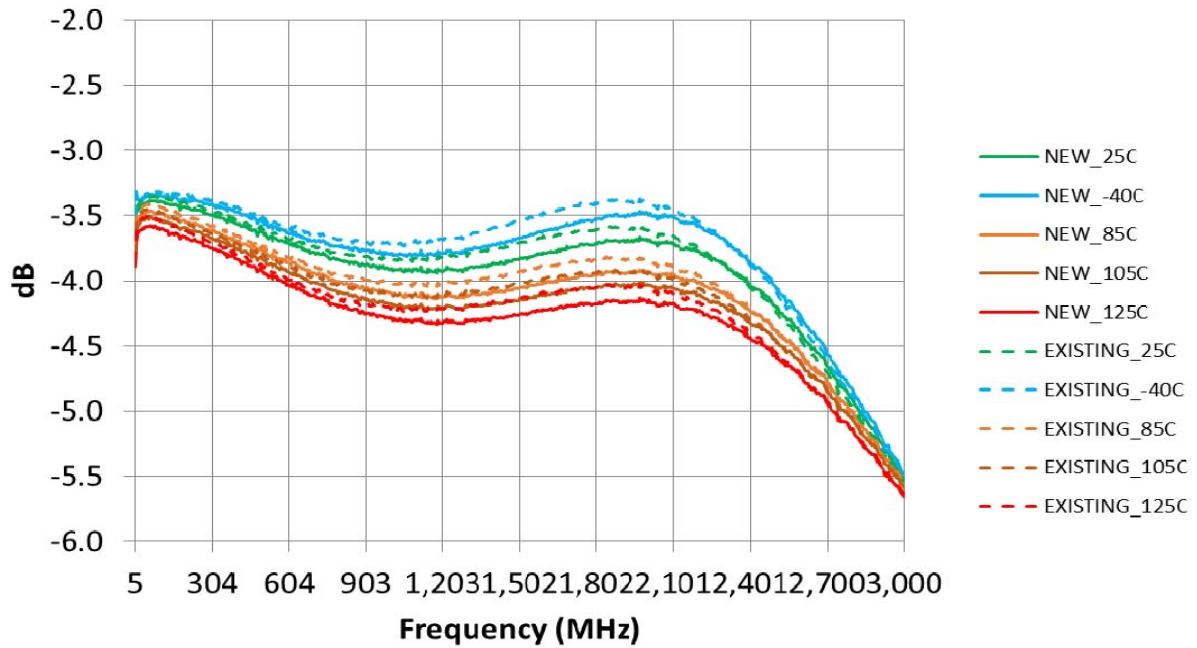


Appendix II

MABA-007159-000000 Over Temperature Test Data



MABA-007159-000000 insertion_loss_2_p5_3



MABA-007159-000000 amplitude_balance

