

M/A-COM Technology Solutions, Inc.

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November 25th, 2016

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

ATTN: Quality/Purchasing Manager

Subject: Lead-Free (RoHS 6of6) conversion

PCN-00952

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

M/A-COM Part Number(s):

MACP-007727-CI07B0

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
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M/A-COM TECHNOLOGY SOLUTIONS CONFIDENTIAL & PROPRIETARY

PCN Number: 00952		PCN Date: November 25 th , 2016
Title: Lead-free conversion of MACOM part number MACP-007727-CI07B0 Change is converting from using HMP solder on the wire connection to a WELD connection. The wire will also be untapped (untwisted) for a more efficient production process.		
Proposed 1st Ship Date: March 1st, 2016		Estimated Sample Availability: 50 samples of each available immediately if required.
Change Type:		
Assembly Site	Design	Electrical Specification
Test Site	Assembly Process X	Mechanical Specification
Test Process	Assembly Materials X	Packing/Shipping/Labeling
PCN Details		
Description of Change:		
<p>These parts currently use HMP solder for wire connection to the PCB. In order to make these parts fully RoHS compliant and Pb-free the HMP will be removed and the wire connection will now be welded. To improve production efficiency the twisting on the wires leading out to the connection point will now be untwisted.</p> <p>MACP-007727-CI07B0</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Current Build</p> </div> <div style="text-align: center;"> <p>New Build</p> </div> </div>		



Reason for Change:		
To comply with market request for product to be lead-free and to improve production efficiency.		
Products Affected:		
MACP-007727-CI07B0		
Anticipated impact on Fit, Form, Function:		
Form. Untwisting of wires leading to connection point.		
Changes to product identification resulting from this PCN:		
None		
Qualification: Test Results		
Comparative test results – Product assembled with HMP solder, twisted wire and Product assembled with weld connection, untwisted wire. See Appendix I : MACP-007727-CI07B0 Test Data.		
Test	Conditions	Samples
See Appendix I	Ambient	30

Appendix I

MACP-007727-CI07B0

