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Feb 20th, 2023

PCN-01612

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

Subject: Product marking workmanship improvement.

Dear Valued Customer,

Please accept this PCN letter as formal notification for the change of MACOM Technology Solutions part number(s) shown on the next pages.

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

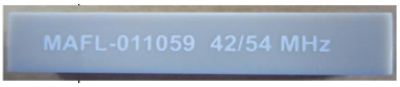
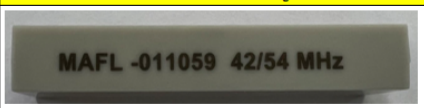
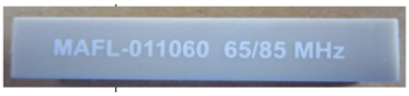
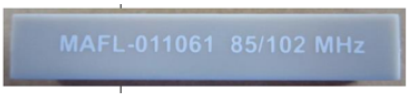
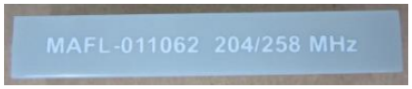
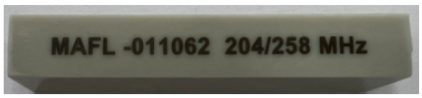
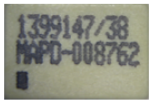
Technical details of this change notice follow on the next page(s).

If there are any questions about this communication, please contact your local MACOM sales representative.

Sincerely,

Aidan Mulcahy
Product Marketing Manager
aidan.mulcahy@macom.com

PCN Number: PCN-01612		**PCN Date:** Feb 20th, 2023
Title: Product workmanship improvement.		
Proposed 1st Ship Date:		**Estimated Sample Availability:**
March 1st.		Samples available immediately if required.
Change Type:		
Assembly Site	Design	Electrical Specification
Test Site	Assembly Process X	Mechanical Specification
Test Process	Assembly Material	Packing/Shipping/Labeling
PCN Details		
Description of Change:		
Using laser marking for the cover printing instead of the ink print to improve the workmanship. Trials show positive effect on both cosmetic and reliability of the new products.		

No.	Model	Cover	Existing print	New Laser marking
1	MAFL-011059	PT-0010666 (Cover_grey_51x8.9x8.25mm_for_Plug-in)		
2	MAFL-011060	PT-0010666 (Cover_grey_51x8.9x8.25mm_for_Plug-in)		
3	MAFL-011061	PT-0010666 (Cover_grey_51x8.9x8.25mm_for_Plug-in)		
4	MAFL-011062	PT-0010666 (Cover_grey_51x8.9x8.25mm_for_Plug-in)		
5	MAPD-008762-ES0001	EC-053		
6	MAPD-007249-ESML21	EC-025		

Reason for Change:

Improve workmanship for better quality of the markings.

Products Affected:

- MAFL-011059
- MAFL-011060
- MAFL-011061
- MAFL-011062
- MAPD-008762-ES0001
- MAPD-007249-ESML21

Anticipated impact on Fit, Form, Function:

Fit, Function and outline dimensions unaffected.

Changes to product identification resulting from this PCN:

None

Qualification: Reliability Test.

a) Steam-age test (with Temp: 85C, Humidity: 95%, Dwell time=8 hours)
b) High temp & humidity storage (with Temp: 55C, Humidity: 95%, Dwell time=72 hours)
c) Salt spray test 24h.

Setting salt spray test as below:

Brine Temperature	35±1 degree
Salt Concentration	5% ±1% (NaCl)
Air Pressure	1.00 ± 0.01kgf/cm2
Spray Volume	1.5
Testing Room Relative Humidity	85%
PH	7
Spray Time	24h
Cleaning after testing	Distilled water
Sample size	10pcs each cover

→ **All Passed**