

MACOM Technology Solutions Inc.
100 Chelmsford Street
Lowell, Massachusetts 01851
www.macom.com



September 20, 2021

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

ATTN: Quality/Purchasing Manager

Subject: Implementing ultra-precision flat carrier tape and updating pressure seal tape

PCN #: PCN-01474

Dear Valued Customer:

The goal of M/A-COM Technology Solutions is to continually deliver high quality products and services that meet our customers' needs. We strive to offer products that are industry leading in terms of performance, delivery, safety and value.

In accordance with these goals, this communication is to inform you that MACOM is updating the carrier tape pocket tape and cover seal tape for the part numbers listed below.

In addition, with the goal of providing redundant manufacturing capacity for uninterrupted supply we are creating additional capacity for the Tape and Reeling operations. The new site will be MACOM's long-term subcontractor, Unisem, Ipoh Malaysia.

MADP-042305-13060P
MADP-042905-13060P

You are receiving this notice because you have purchased the above products in the past two years. Details of the change are on the following pages.

Please contact your local sales representative if you have any questions or require additional information.

Sincerely,

Andrew Smethurst
Quality Assurance Manager
MACOM Technology Solutions, Inc.
Tel: +1 (978) 656 2565
E-mail: Andrew.smethurst@macom.com

PCN Number: PCN-01474

PCN Date: September 20, 2021

Title: Tape and reel carrier tape change

Proposed first Ship Date: Oct/Nov 2021

Estimated Sample Availability/Qualification Completion: On request

Proposed last Ship Date:

Change Classification: Major ☐

Minor ☒

Change Type:

Assembly Site ☒

Design ☐

Electrical Specification ☐

Test Site ☐

Assembly Process ☐

Mechanical Specification ☐

Test Process ☐

Assembly Materials ☐

Packing/Shipping/Labeling ☒

PCN Details

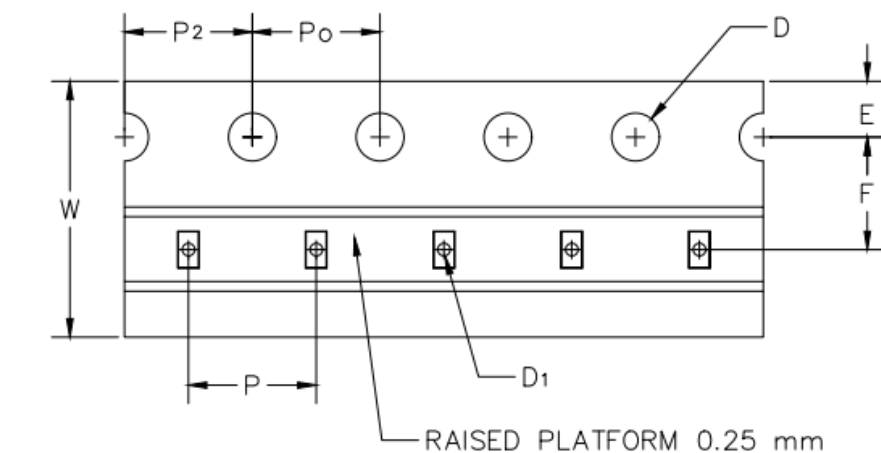
Description of Change:

The carrier tape is being converted from raised channel to an ultra-precision flat pocket with tighter tolerances.

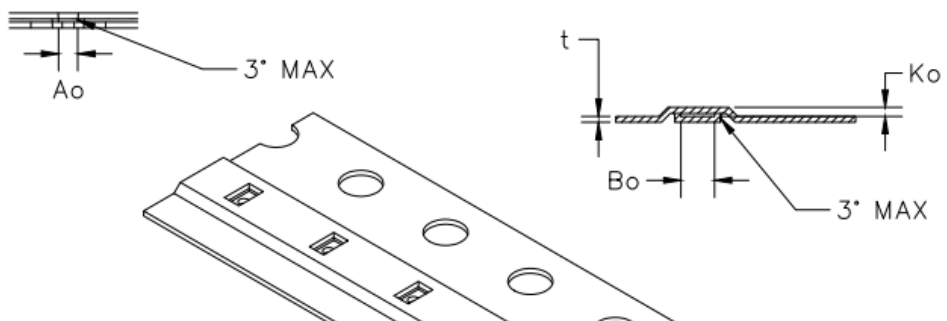
In addition, the cover tape will change From Pressure Seal (PSA) 3M 2668 to Heat Seal (HAA) Advantek HUC0054-300

Dimensions and shape for carrier tape changes are shown below.

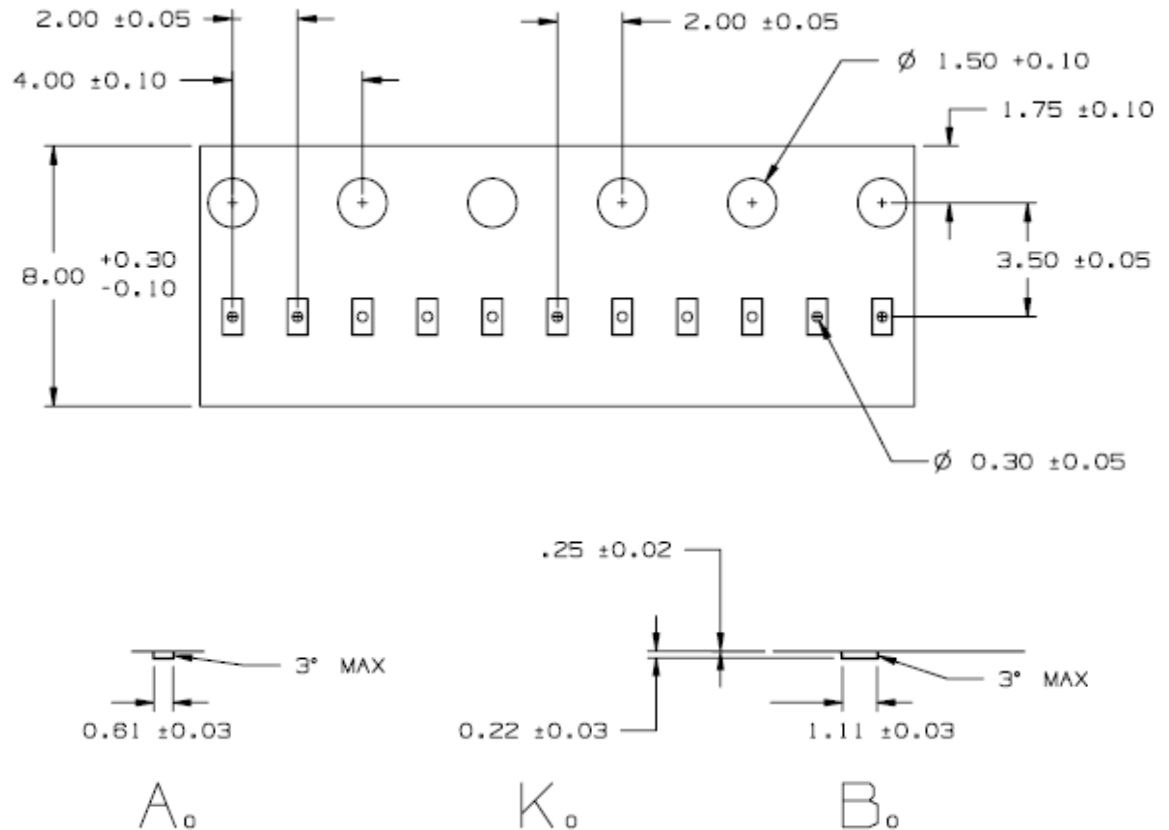
From:



DIMENSION	SPEC.(mm)
W	8.00 +0.30/-0.10
P	2.00 ± 0.05
E	1.75 ± 0.10
F	3.50 ± 0.05
D	1.50 ± 0.10
Po	4.00 ± 0.10
P2	4.00 ± 0.10
Ao	0.65 ± 0.05
Bo	1.15 ± 0.05
Ko	0.20 ± 0.05
D1	0.40 ± 0.05
t	0.25 ± 0.02



To:



Reason for Change:

Minimize the die out of pocket and the die sticking to cover tape due to mechanical adhesion and for ease of assembly.

Products Affected:

MADP-042305-13060P

MADP-042905-13060P

Anticipated impact on Fit, Form, Function:

There will be no impact on fit, form, function, or reliability by this change.

Changes to product identification resulting from this PCN:

None.

Material Declaration updated due to this change:

Yes ☐

No ☒