

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



26 October 2020

ATTN: Quality/Purchasing Manager

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

PCN #: PCN-01371

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-000421-12940P
MADP-000422-12950P
MADP-042505-13060P
MADP-042405-13060P

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.

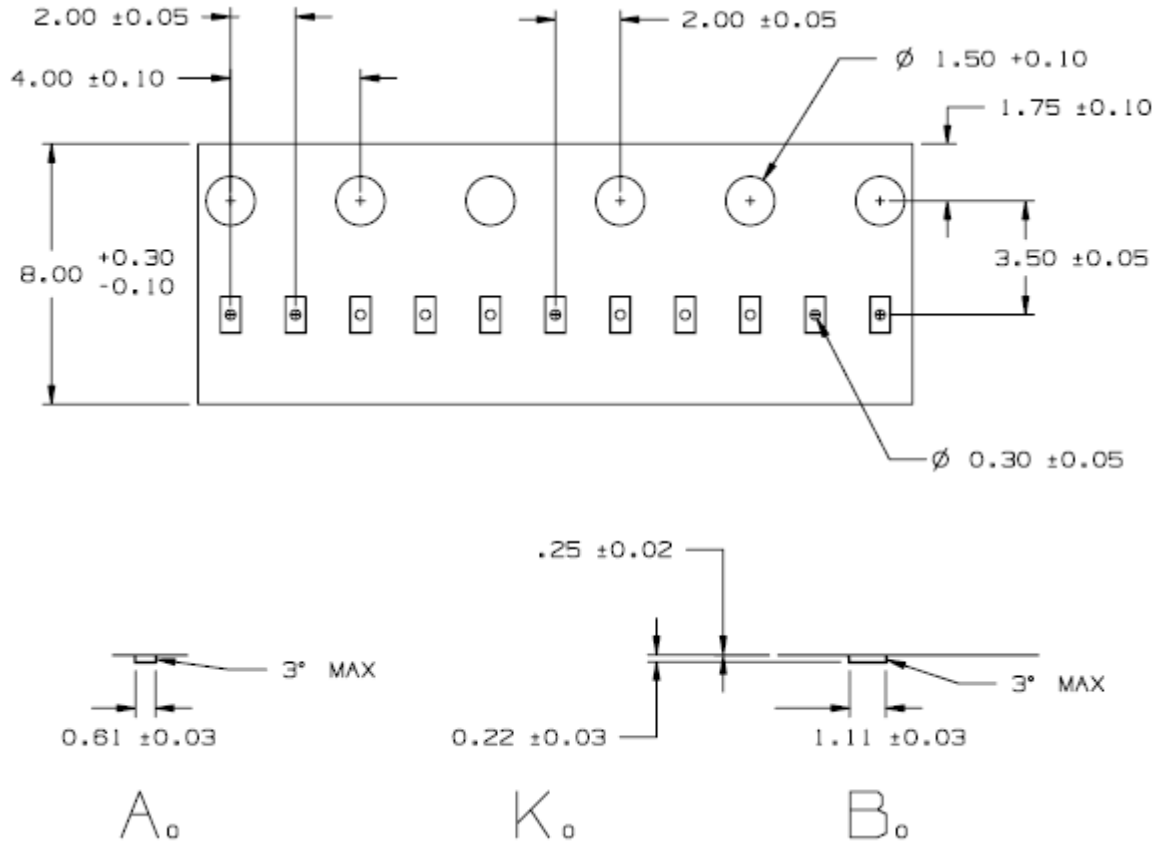
Please contact your local sales representative if you have any questions or require additional information.

Sincerely,

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

PCN Number: PCN-01371		PCN Date: Oct0ber 26, 2020																											
Title: Tape and reel carrier tape change																													
Proposed first Ship Date: November 2020		Estimated Sample Availability/Qualification Completion:	On request																										
Proposed last Ship Date:																													
Change Classification: Major <input type="checkbox"/>		Minor <input checked="" type="checkbox"/>																											
Change Type:																													
Assembly Site <input checked="" type="checkbox"/>	Design <input type="checkbox"/>	Electrical Specification <input type="checkbox"/>																											
Test Site <input type="checkbox"/>	Assembly Process <input type="checkbox"/>	Mechanical Specification <input type="checkbox"/>																											
Test Process <input type="checkbox"/>	Assembly Materials <input type="checkbox"/>	Packing/Shipping/Labeling <input checked="" type="checkbox"/>																											
PCN Details																													
Description of Change:																													
<p>The carrier tape is being converted from raised channel to an ultra-precision flat pocket with tighter tolerances.</p> <p>In addition, the cover tape will change From Pressure Seal (PSA) 3M 2668 to Heat Seal (HAA) Advantek HUC0054-300</p> <p>Dimensions and shape for carrier tape changes are shown below.</p> <p>From:</p>																													
		<table border="1"> <thead> <tr> <th>DIMENSION</th> <th>SPEC.(mm)</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>8.00 +0.30/-0.10</td> </tr> <tr> <td>P</td> <td>2.00 ± 0.05</td> </tr> <tr> <td>E</td> <td>1.75 ± 0.10</td> </tr> <tr> <td>F</td> <td>3.50 ± 0.05</td> </tr> <tr> <td>D</td> <td>1.50 ± 0.10</td> </tr> <tr> <td>Po</td> <td>4.00 ± 0.10</td> </tr> <tr> <td>P2</td> <td>4.00 ± 0.10</td> </tr> <tr> <td>Ao</td> <td>0.65 ± 0.05</td> </tr> <tr> <td>Bo</td> <td>1.15 ± 0.05</td> </tr> <tr> <td>Ko</td> <td>0.20 ± 0.05</td> </tr> <tr> <td>D1</td> <td>0.40 ± 0.05</td> </tr> <tr> <td>t</td> <td>0.25 ± 0.02</td> </tr> </tbody> </table>		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
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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-000421-12940P MADP-042405-13060P
MADP-000422-12950P MADP-042505-13060P

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