

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



May 10, 2023

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

ATTN: Quality/Purchasing Manager

**Subject:** Updating carrier and cover seal tape

**PCN #:** PCN-01628

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 and cover tape for the part numbers listed below. The carrier tape is being modified to increase the vacuum hole at the base from .2 mm to .3mm (all other pocket dimensions remain the same meeting the fit requirements of EIA-481). In addition, the current Advantek HUC00054-300 HSA Heat Seal cover tape is being replaced with 3M 2668 PSA Pressure Seal cover tape. This cover tape is currently used on many MACOM products. There will no impact to form, fit, function or reliability by this change.

MADP-000402-12530P  
MADP-000402-1253ZP

In addition, we are updating the carrier and cover tape for the part numbers listed below. The carrier tape is being modified from standard flat tape to UBR flat tape including increasing the vacuum hole at the base from .2 mm to .3mm in pockets (all pocket dimensions meet the fit requirements of EIA-481). See page 2 for detail. Also, the current Advantek HUC00054-300 HSA Heat Seal cover tape is being replaced with 3M 2668 PSA Pressure Seal cover tape. As noted earlier this cover tape is currently used on many MACOM products.

MADS-002502-1246HP  
MADS-002502-1246MP  
MADS-002502-1246LP  
MADS-002508-1112MP

You are receiving this notice because you have purchased one or more of the above products in the past two years.

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

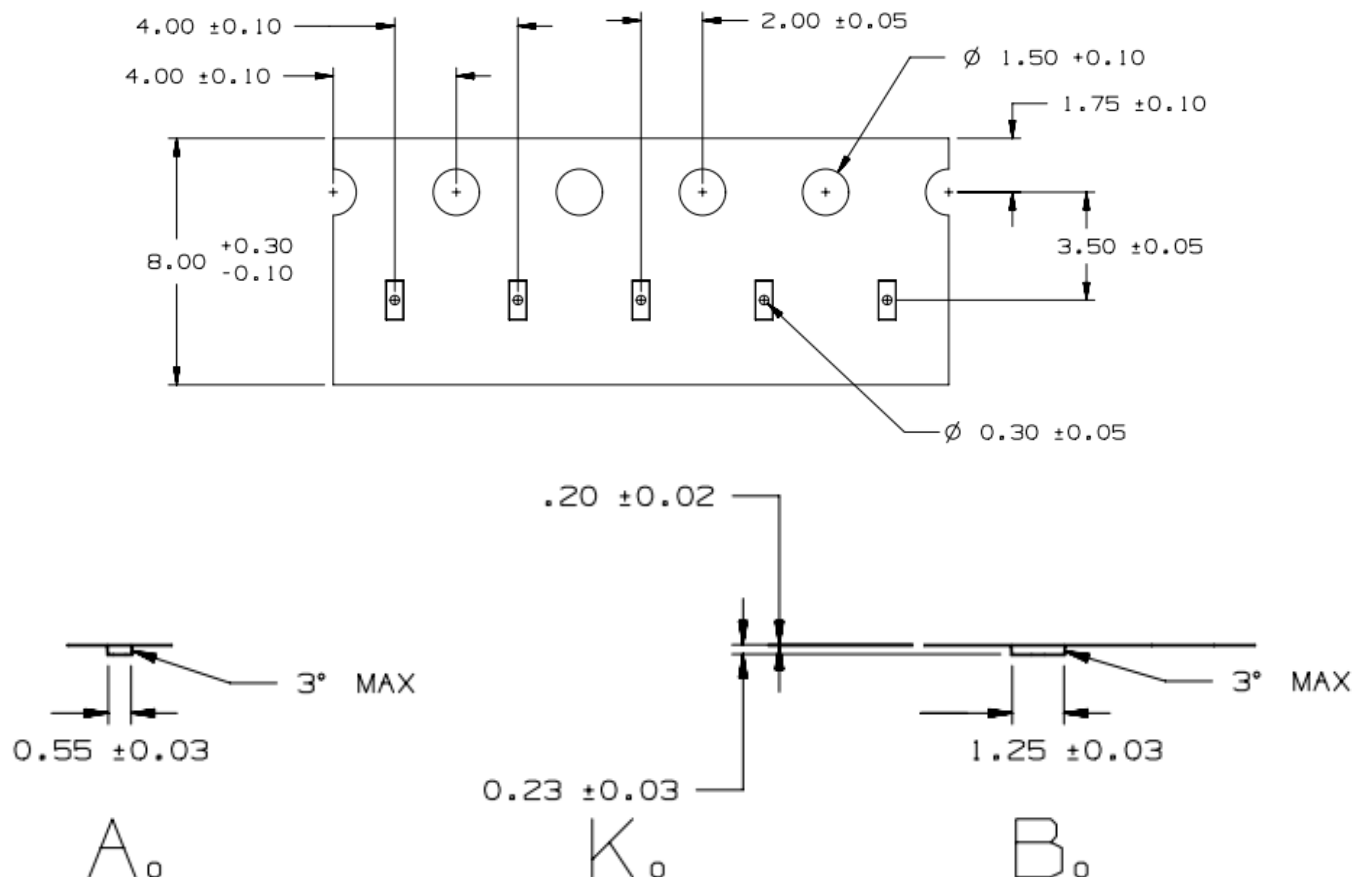
Sincerely,  
**Andrew Smethurst**  
Quality Assurance Manager  
MACOM Technology Solutions, Inc.

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<b>PCN Number:</b> PCN-01628		<b>PCN Date:</b> May 10, 2023	
<b>Title:</b> Tape and reel carrier tape change			
<b>Proposed first Ship Date:</b> June 2023		<b>Estimated Sample Availability/Qualification Completion:</b> On request	
<b>Proposed last Ship Date:</b>			
<b>Change Classification:</b> Major <input type="checkbox"/>		<b>Minor</b> <input checked="" type="checkbox"/>	
<b>Change Type:</b>			
Assembly Site <input 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"/>	
<b>PCN Details</b>			
<b>Description of Change:</b>			
<p>The carrier tape is being converted from standard flat tape to UBR flat carrier tape (slightly tighter pockets and radii)  Dimensions and shape for carrier tape changes are shown below.</p> <p><b>From:</b></p> <p><math>4.00 \pm 0.10</math>  <math>4.00 \pm 0.10</math>  <math>8.00 +0.30/-0.10</math>  <math>2.00 \pm 0.05</math>  <math>\phi 1.50 \pm 0.10</math>  <math>1.75 \pm 0.10</math>  <math>3.50 \pm 0.05</math>  <math>\phi 0.20 \pm 0.05</math>  <math>.20 \pm 0.02</math>  <math>3^\circ \text{ MAX}</math>  <math>0.59 \pm 0.03</math>  <math>0.23 \pm 0.03</math>  <math>1.33 \pm 0.03</math>  <math>3^\circ \text{ MAX}</math>  A<sub>0</sub> K<sub>0</sub> B<sub>0</sub></p>			

**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:**

See page 1

**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 ☒