



Product Change Notification: DSNO-24JSZR057

Date:

04-Apr-2025

Product Category:

Memory

Notification Subject:

CCB 7231.010 Final Notice: Qualification of MMT as a new final test site for selected AT27C512R-70PU, AT28C256-15PU, AT28C64B-15PU, AT27C256R-45PU, AT27C256R-70PU and AT27C512R-45PU catalog part numbers (CPN) available in 28L PDIP (.600in) package.

Affected CPNs:

[DSNO-24JSZR057_Affected_CPN_04042025.pdf](#)

[DSNO-24JSZR057_Affected_CPN_04042025.csv](#)

PCN Status: Final Notification

PCN Type: Manufacturing Change

Microchip Parts Affected: Please open one of the files found in the Affected CPNs section.

Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change: Qualification of MMT as a new final test site for selected AT27C512R-70PU, AT28C256-15PU, AT28C64B-15PU, AT27C256R-45PU, AT27C256R-70PU and AT27C512R-45PU catalog part numbers (CPN) available in 28L PDIP (.600in) package.

Pre and Post Summary Changes:

	Pre Change	Post Change
Final Test Site	Microchip Technology Operations (Philippines) Corporation (MPHL)	Microchip Technology Thailand (Branch) (MMT)
Packing Method / Material	See Pre and Post Change Summary for comparison	

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying MMT as a new final test site.

Change Implementation Status: In Progress

Estimated First Ship Date: 01 May 2025 (date code: 2518)

Note Below EFSD: Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Timetable Summary:

	April 2025				May 2025				
Work Week	14	15	16	17	18	19	20	21	22
Qual Report Availability	X								
Final PCN Issue Date	X								
Estimated Implementation Date					X				

Method to Identify Change: Top Marking

Qualification Report: Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History: April 04, 2025: Issued final notification.

Note: The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable product.

Attachments:

PCN_DSNO-24JSZR057_Qualification Report.pdf

PCN_DSNO-24JSZR057_Pre and Post Change Summary.pdf

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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Affected Catalog Part Numbers (CPN)

AT27C512R-70PU

AT28C256-15PU

AT28C64B-15PU

AT27C256R-45PU

AT27C256R-70PU

AT27C512R-45PU

CCB 7231.010
Pre and Post Change Summary
PCN #: DSNO-24JSZR057

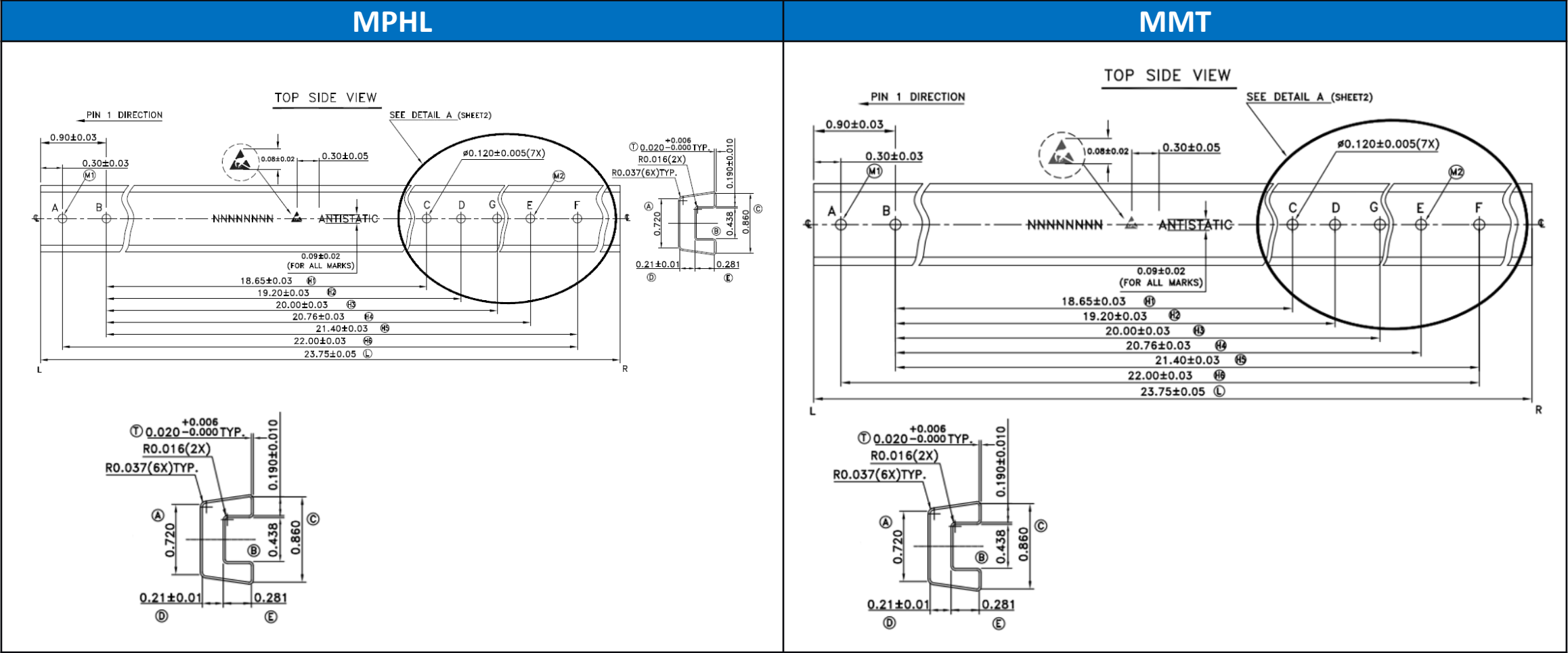


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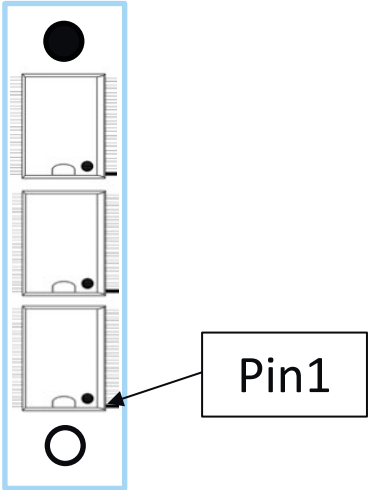
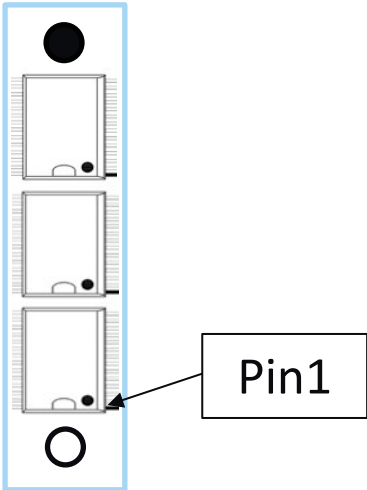
SMART | CONNECTED | SECURE

Pre and Post Change Summary - TUBE

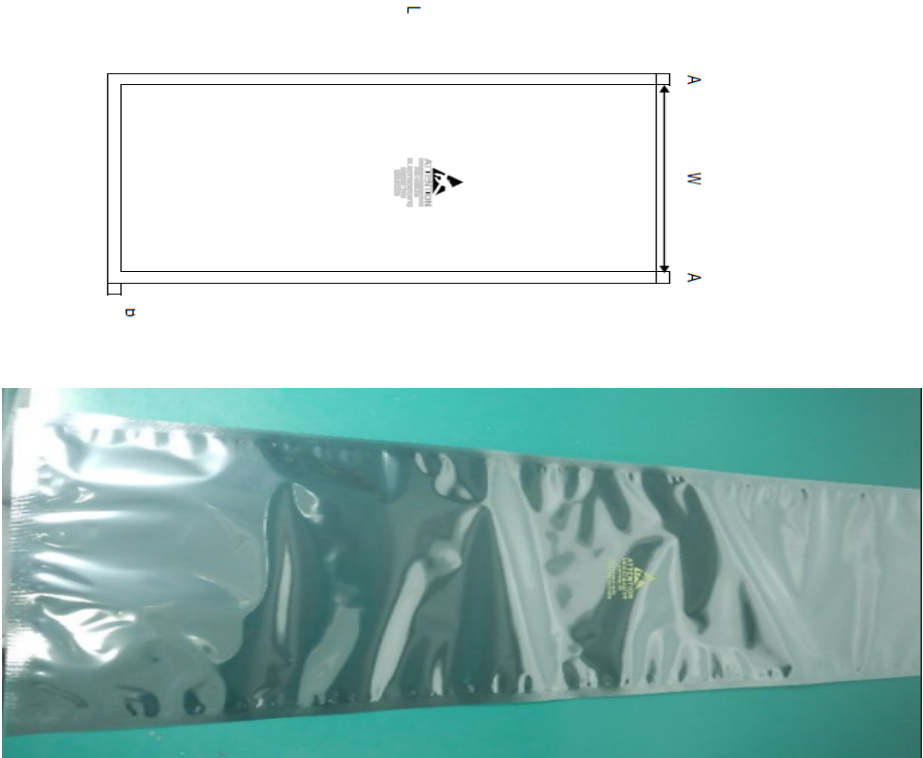
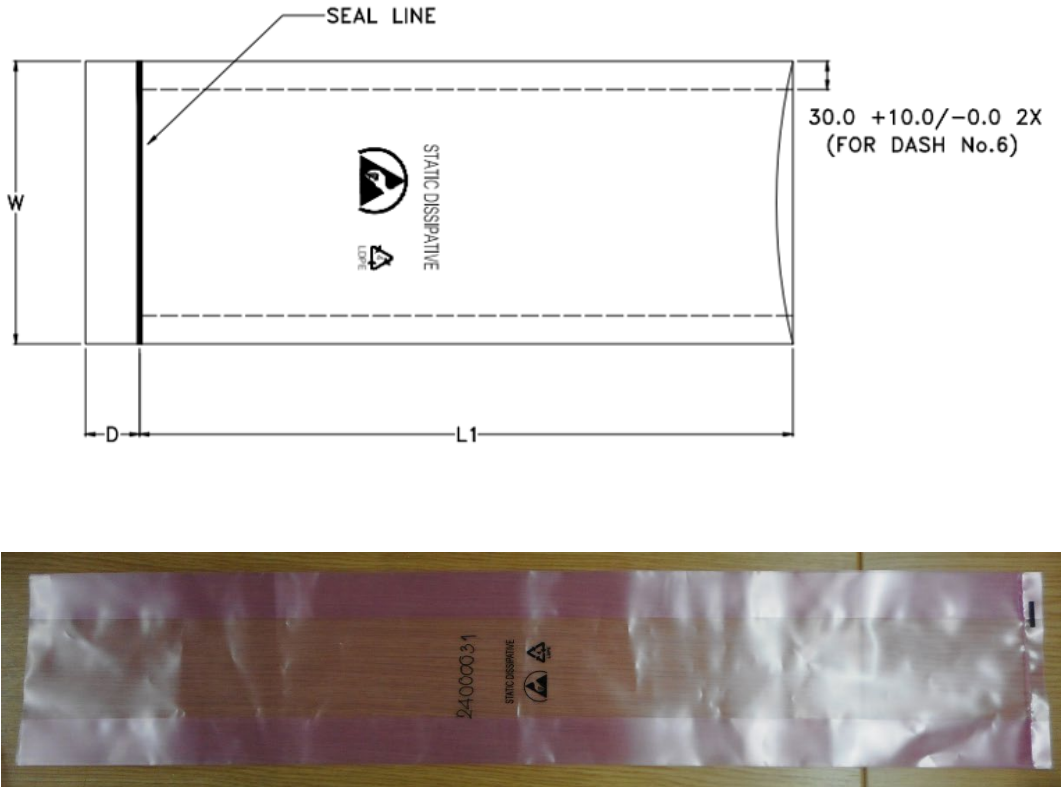


Location	Tube Length (inch)	Dimension	Hole Usage	Tube Length between Hole Usage	Unit per Tube	Tube per Bag	Tube Color
MPHL	23.75 +/- 0.05	See on drawing	Hole B to Hole E	20.76 +/- 0.03	10	24	Transparent Clear
MMT	23.75 +/- 0.05	See on drawing	Hole B to Hole E	20.76 +/- 0.03	10	24	Transparent Clear

Pre and Post Change Summary - TUBE (Plug/Pin Color)

MPHL			MMT		
					
Media	Pin1 Side Color	Opposite Side Color	Media	Pin1 Side Color	Opposite Side Color
Pin	White	Black	Pin	White	Black

Pre and Post Change Summary - TUBE (Bag)

MPHL	MMT
<div><p>The diagram shows a rectangular bag with dimensions L (length), W (width), and A (thickness). A small triangular warning symbol is visible. The photo shows a gray static shielding bag with a similar symbol.</p></div>	<div><p>The diagram shows a rectangular bag with dimensions W (width), L1 (length), and D (thickness). A 'SEAL LINE' is indicated. A triangular warning symbol is present. Text on the right specifies a tolerance: 30.0 +10.0/-0.0 2X (FOR DASH No.6). The photo shows a pink antistatic bag with a triangular warning symbol and the number 24000031.</p></div>

Plant	Bag type	Length (mm)	Width (mm)	Thickness (mm)
MPHL	Static Shielding Bag (Gray)	762 +/- 10	228 +/- 10	0.08 +/-0.01
MMT	Antistatic Pink Gusset	760 +10/-5	140 +10/-0	0.100 +/- 0.01

Pre and Post Change Summary - TUBE (Packing Method Non-Dry Pack)

MPHL

ESD label use for seal




Open Side of Bag

Intermediate Barcode Label


(No inner box)

MMT

Pink Anti-Static Bag



LABEL (MS-15068-9)



(No inner box)

Carton	Dimension W x L x H (cm)	Number of Bag/carton
M01-020 (PD)	15x71.5x5	1
M01-021 (PI)	17x65x8	1
M01-022 (PP)	15.5x62x14	2
M01-023 (PT)	22.5x63x16.5	3
M01-024 (P4)	32x63x15.5	4
M01-034 (P5)	36x63x16.5	5



QUALIFICATION REPORT SUMMARY

PCN #: DSNO-24JSZR057

**Date:
March 24, 2025**

Qualification of MMT as a new final test site for selected AT27C512R-70PU, AT28C256-15PU, AT28C64B-15PU, AT27C256R-45PU, AT27C256R-70PU and AT27C512R-45PU catalog part numbers (CPN) available in 28L PDIP (.600in) package.



Purpose: Qualification of MMT as a new final test site for selected AT27C512R-70PU, AT28C256-15PU, AT28C64B-15PU, AT27C256R-45PU, AT27C256R-70PU and AT27C512R-45PU catalog part numbers (CPN) available in 28L PDIP (.600in) package.

CCB No.: 7231.010

Test / Evaluation	Test Condition / Parameters	Sample Size	Qty of Lots	Fail/Accept Criteria	Result
Bin and Yield Comparison	Test the same units at existing and destination locations and compare Bin and Yield data.	3000	1	$\leq 0.1\%$	Passed
Parametric / Characterization Comparison	Characterize the same units at existing and destination locations and compare data.	33	1	$\leq 10\%$	Passed
Correlation Lot Report	Accept on yield match within 0.1%	33	1	$\leq 0.1\%$	Passed