



Product Change Notification: CENO-28CTJR308

Date:

03-Jul-2026

Product Category:

Memory

Notification Subject:

CCB 6183.010 Final Notice: Qualification of MTAI as an additional final test site for AT93C86A-10SU-2.7, AT93C86A-10SU-2.7-T, AT93C86A-10SU-1.8-T, AT93C86A-10SU-1.8, AT93C66B-SSHMT, AT93C56B-SSHMT, AT93C66B-SSHMB and AT93C56B-SSHMB catalog part numbers (CPN) available in 8L SOIC (.150in) package.

Affected CPNs:

[CENO-28CTJR308_Affected_CPN_07032026.pdf](#)

[CENO-28CTJR308_Affected_CPN_07032026.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 MTAI as an additional final test site for AT93C86A-10SU-2.7, AT93C86A-10SU-2.7-T, AT93C86A-10SU-1.8-T, AT93C86A-10SU-1.8, AT93C66B-SSHMT, AT93C56B-SSHMT, AT93C66B-SSHMB and AT93C56B-SSHMB catalog part numbers (CPN) available in 8L SOIC (.150in) package.

Pre and Post Summary Changes:

	Pre Change	Post Change	Change (Yes/No)

Final Test Site		Amkor Technology Philippine (P1/P2), Inc. (ANAP)	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	Amkor Technology Philippine (P1/P2), Inc. (ANAP)	ATX Semiconductor (Shanghai) Co. Ltd (ASSH)	Microchip Technology Thailand (HQ) (MTAI)	Yes
Tape & Reel	Cover Tape	Minor dimension change. See Pre and Post Change Summary attachment for comparison.					Yes
	Plastic Reel						
Tube		Minor dimension change. See Pre and Post Change Summary attachment for comparison.					Yes
Packing Method/Material		See Pre and Post Change Summary attachment for comparison.					Yes

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying MTAI as an additional final test site.

Change Implementation Status: In Progress

Estimated First Ship Date: 27 July 2026 (date code: 2631)

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

Timetable Summary:

	July 2026				
Work Week	27	28	29	30	31
Qual Report Availability	x				
Final PCN Issue Date	x				
Estimated Implementation Date					x

Method to Identify Change: Traceability Code

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

Revision History:

July 03, 2026: 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_CENO-28CTJR308 Qual Report.pdf

PCN_CENO-28CTJR308_Pre and Post Change Summary_8L SOIC_ANAP vs MTAI.pdf

PCN_CENO-28CTJR308_Pre and Post Change Summary_8L SOIC_ASSH vs MTAI.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.

Affected Catalog Part Numbers (CPN):

AT93C86A-10SU-2.7

AT93C86A-10SU-2.7-T

AT93C86A-10SU-1.8-T

AT93C86A-10SU-1.8

AT93C66B-SSHM-T

AT93C56B-SSHM-T

AT93C66B-SSHM-B

AT93C56B-SSHM-B



QUALIFICATION REPORT SUMMARY

PCN #: CENO-28CTJR308

Date:
June 23, 2026

Qualification of MTAI as an additional final test site for AT93C86A-10SU-2.7, AT93C86A-10SU-2.7-T, AT93C86A-10SU-1.8-T, AT93C86A-10SU-1.8, AT93C66B-SSHMT, AT93C56B-SSHMT, AT93C66B-SSHMB and AT93C56B-SSHMB catalog part numbers (CPN) available in 8L SOIC (.150in) package.



Purpose: Qualification of MTAI as an additional final test site for AT93C86A-10SU-2.7, AT93C86A-10SU-2.7-T, AT93C86A-10SU-1.8-T, AT93C86A-10SU-1.8, AT93C66B-SSHM-T, AT93C56B-SSHM-T, AT93C66B-SSHM-B and AT93C56B-SSHM-B catalog part numbers (CPN) available in 8L SOIC (.150in) package.

CCB No.: 6183.010

Test Name	Test Condition	Result
Test Correlation	Correlation on production ATE in strip form at each site and compare results between the two sites > Build and test (> 3000 pcs.) for checkout in MTAI > Compare test yields from checkout in MTAI with ANAP & ASSH historic yields	Passed

CCB 6183.010
PCN ID#: CENO-28CTJR308
Pre and Post Change Summary

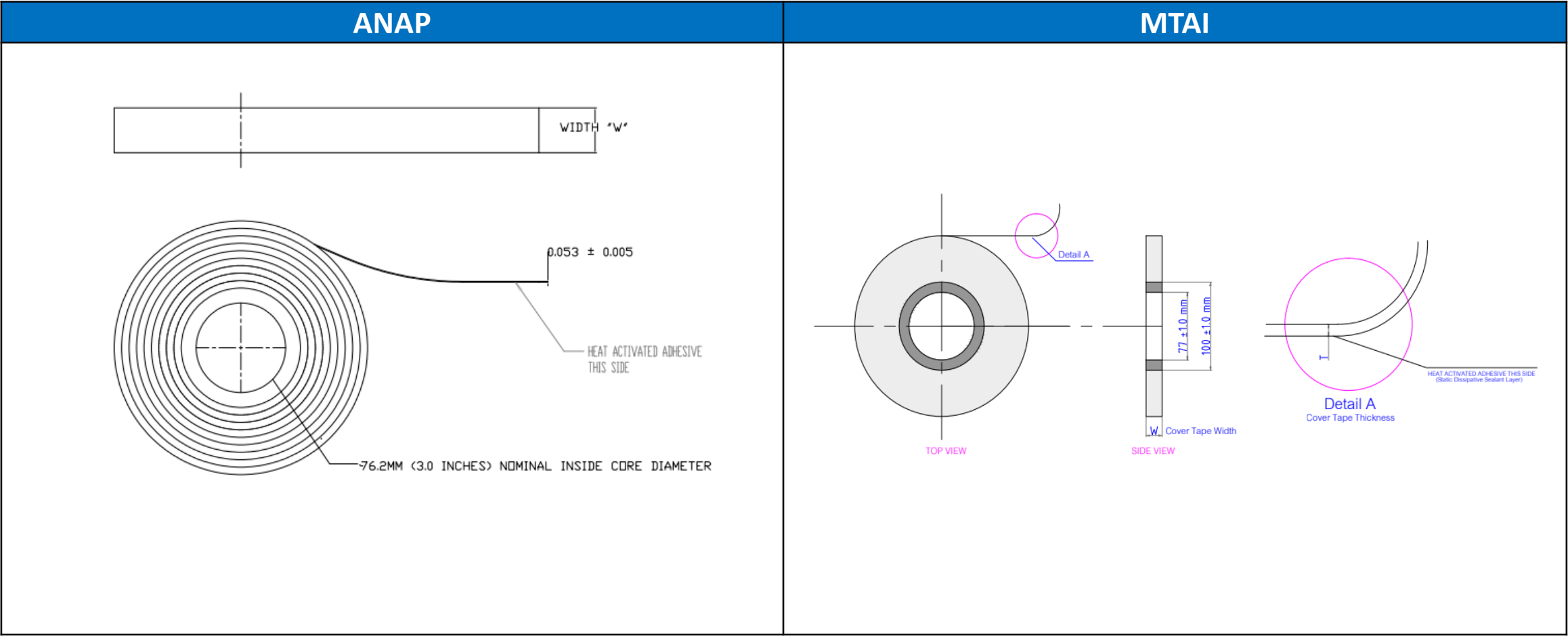


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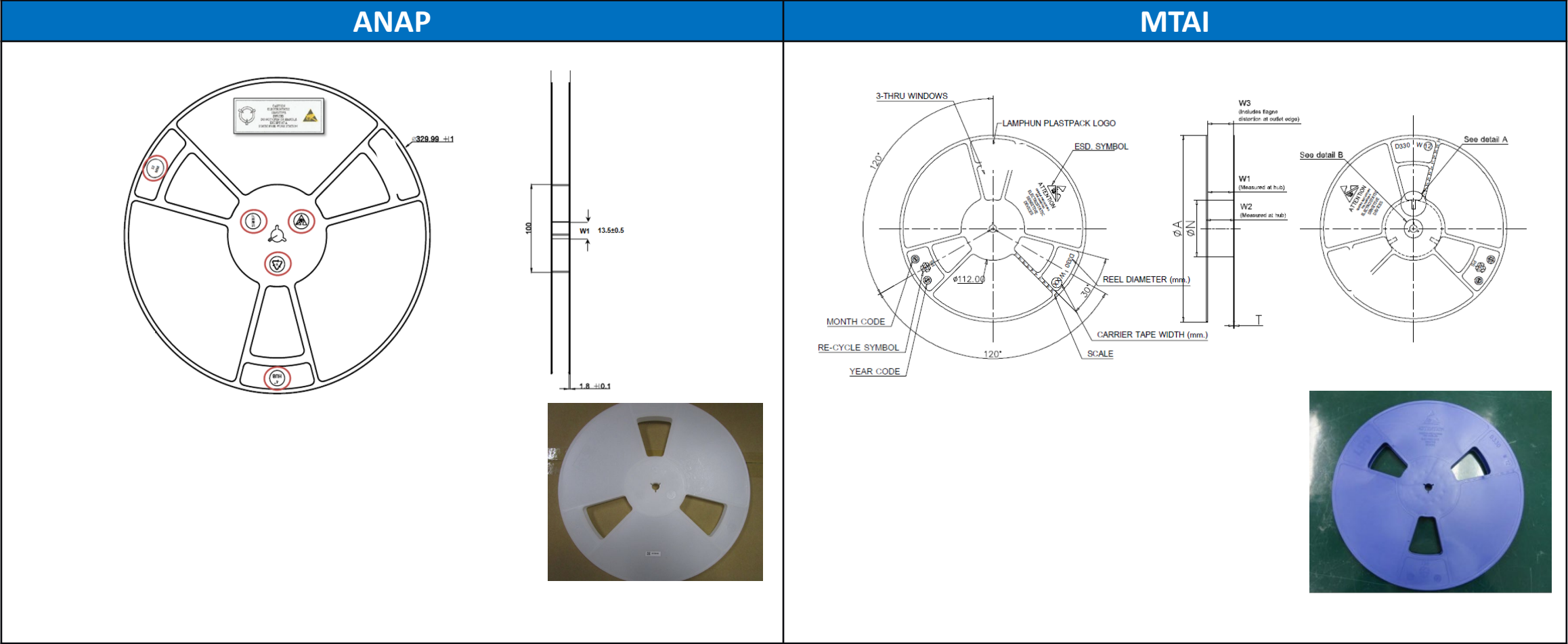
SMART | CONNECTED | SECURE

Cover Tape - 8L SOIC 3.90mm(.150in)



Plant	Width W (mm.)	Thickness T (mm.)	Color	Sealing Methodology
ANAP	9.2+/-0.10	0.053+/-0.005	Clear	Heat sealing
MTAI	9.05+0.05/-0.15	0.050 ±0.010	Clear	Heat sealing

Plastic Reel - 8L SOIC 3.90mm(.150in)



Plant	Reel Diameter (mm.)	Reel Hub Size (mm)	Reel Width Max (mm.)	Color
ANAP	329.99 ±1.0	100	17.5 ±1.0	White
MTAI	330 ±2.0	100 ±2.0	18.40	Dark Blue

T/R Packing Method Non-Dry Pack (MSL-1) - 8L SOIC 3.90mm(.150in)

ANAP

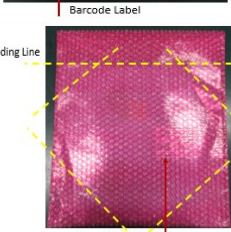


SSB

BAG WIDTH	BAG LENGTH
381mm	457mm



Embossed ESD Logo



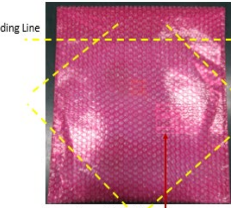
Barcode Label



ESD sticker (2x2)



Barcode Label (reel)



Folding Line

Barcode Label (bag)



Clear Tape

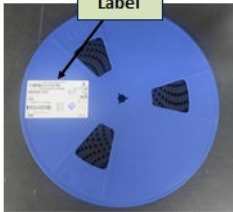
Carton	Dimension W x L x H (cm)	Number of reel per carton Reel diameter (D) = 330mm Carrier Tape Width 12mm
M02-015	37x35.1x5.3	1

MTAI



SSB

BAG WIDTH	BAG LENGTH
370mm	420mm



Label



Static Sensitive Bag



Antistatic Tape



SSB



Label

MSL-1 (No inner box)

Carton for product in tubes media (MSL-1)

Carton	Dimension W x L x H (cm)	Number of reel per carton
		Reel diameter (D) = 330mm
		Carrier Tape Width 12mm
M01-011 (TT)	36.5x38x39.5	15
M01-012 (B1)	35.5x35.5x2.8	1
M01-013 (B2)	35.5x35.5x4	2
M01-014 (B3)	35.5x35.5x6	3
M01-015 (B8)	35.5x35.5x16.5	8

Example: Packing for tape and reel in carton box B2/ B3.(Sample)

Packing for tape and reel in carton box B8.(Sample)

Packing for tape and reel in carton box TT

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 MICROCHIP

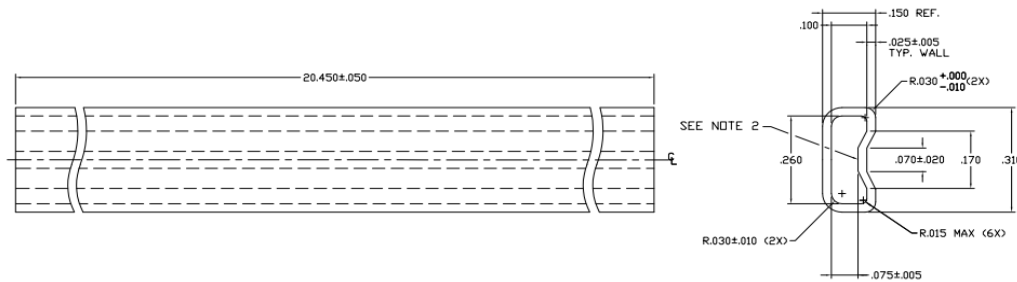
TUBE - 8L SOIC 3.90mm(.150in)

ANAP

MTAI

NOTES:

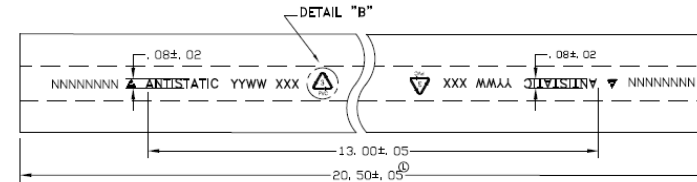
1. THIS PART TO BE MANUFACTURED PER THE LATEST REVISION OF AMKOR/ANAM SPECIFICATION NO. 01-0431-2284.
2. CONTROLLING DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
3. THIS SURFACE TO BE FLAT, RADIUS NOT TO ROUND OVER FLAT AREA
4. ANTISTATIC TUBE TO HAVE A SURFACE RESISTIVITY BETWEEN 10^6 AND 10^{11} OHMS PER SQUARE.
5. WALL THICKNESS TO BE CONSISTENT ALL THROUGHOUT
6. UNITS PER TUBE/ 100 UNITS
7. ENDPLUG: \$IDW 201298512 (BLACK)
8. SEE PAGE 2 FOR MARKING DETAILS.



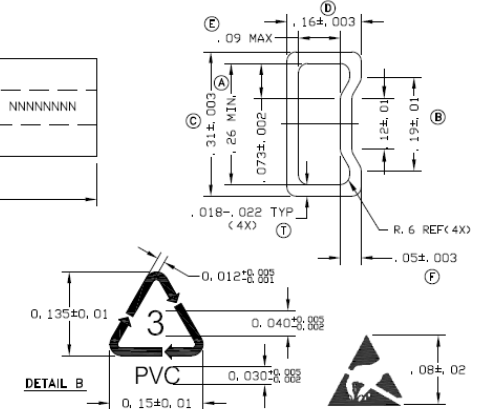
SHIPPING TUBE	RIGID PVC	YELLOW	20120904
SHIPPING TUBE	RIGID PVC	CLEAR	20120903
DESCRIPTION	MATERIAL	COLOR	SD NUMBER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
DECIMAL	FRACTION
.XX X .01	1/16"
.XXX X .010	1/32"
.XXXX X .001	1/64"
INTERMIT DIM AND TOL FOR ASME Y14.5M - 1994	
MINUS	SEE CHART ABOVE
PLUS	SEE CHART ABOVE
PRINTING IS AN ACTUAL SCALE	
FORM NO: BF_LF_5A.DWG	

TOP SIDE VIEW



MCHP P/N	SUPPLIER P/N	TUBE COLOUR	PRINT COLOUR
20100807	TBD	CLEAR	BLUE



K07-042-3 (FROM MTAI)

NOTE :

1.  (Recycle Symbol) Refers to MS-16220
2. Tube to be coated (inside and outside) with anti-static agents (MS-15094) and the surface resistivity $\geq 1 \times 10^{10}$ TO $< 1 \times 10^{12}$ OHMS/Sq shall be between surface resistance $\geq 1 \times 10^{10}$ TO $< 1 \times 10^{11}$ OHMS.
3. YYYY is calendar Year and work week supplier.
4. XXX is the supplier name.
5. NNNNNNNNN is microchip part number.

UNLESS OTHERWISE SPECIFIED		APPROVALS	BY
1. ALL DIMENSIONS IN INCH	6. LIMIT ON DIMENSION.	SEANTHAS WGR.	MATHAPAS V.
2. DO NOT SCALE POINTS	FRACTIONS		
3. REMOVE ALL BURRS	DECIMAL: $\pm .010$		
4. BREAK ALL CORNERS.	ANGULAR: $\pm 2^\circ$		
5. CORNER RADIUS	7. SURFACE FINISH		

Location	Tube Length (inch)	Dimension	Tube Color	Units per Tube	Tubes per Bag
ANAP	20.450 +/-0.05 inch	See on drawing	Clear	100	100
MTAI	20.50 +/-0.05 inch	See on drawing	Clear	100	100

TUBE Packing Method Non-Dry Pack (MSL-1) - 8L SOIC 3.90mm(.150in)

ANAP



SSB

BAG WIDTH	BAG LENGTH
304mm	635mm



Barcode Label

ESD Sticker (4x4)

Dimension W x L x H (cm)	Number of Bag/carton
12.9x56.5x8	1

MTAI



SSB

BAG WIDTH	BAG LENGTH
160mm	650mm



ESD logo

Label



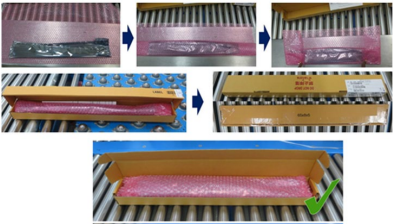
ANTI STATIC TAPE

MSL-1 (No inner box)

Carton for product in tubes media (MSL-1)

Carton	Dimension W x L x H (cm)	Number of Bag/carton
M01-025 (C1)	15x64x5.5	1
M01-026 (C2)	15x64x10	2
M01-027 (C3)	15x64x14	3
M01-028 (C4)	28x63x11	4
M01-029 (C6)	28x63x15.5	6
M01-030 (C8)	28x63x20	8

Example:



CCB 6183.010
PCN ID#: CENO-28CTJR308
Pre and Post Change Summary

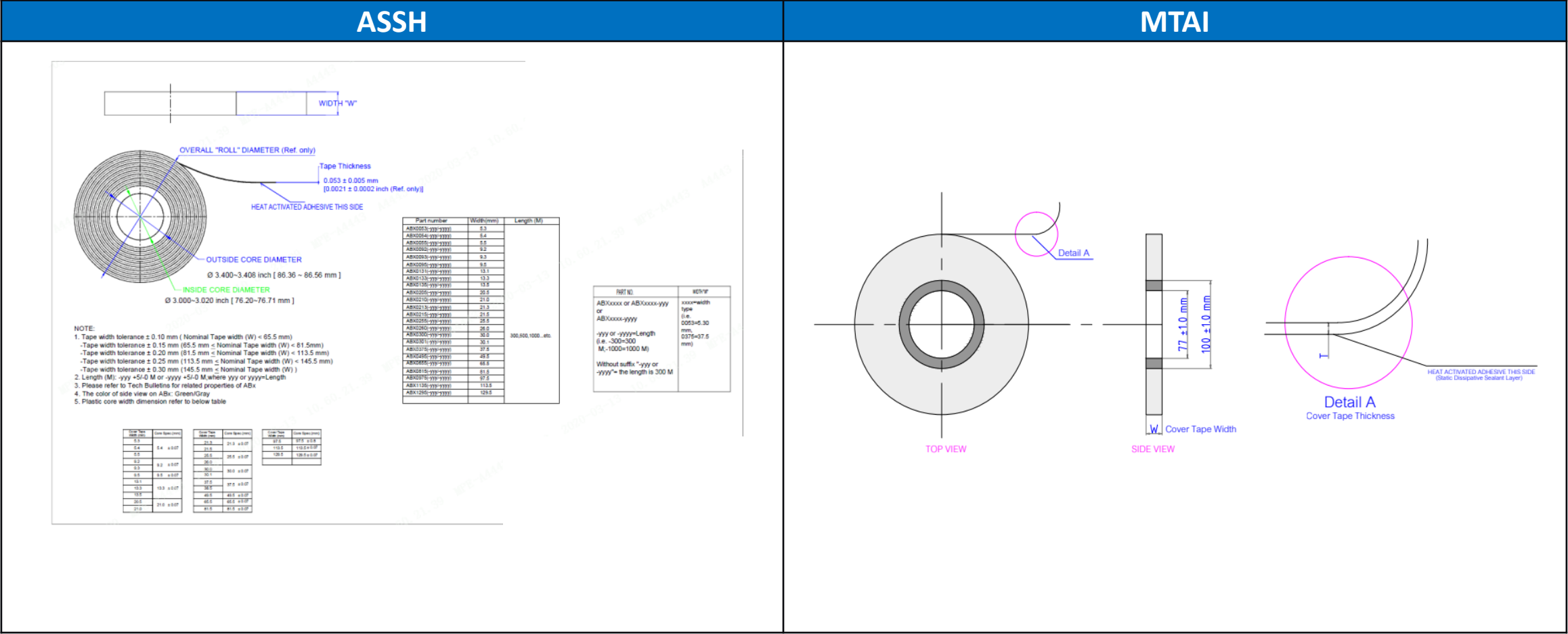


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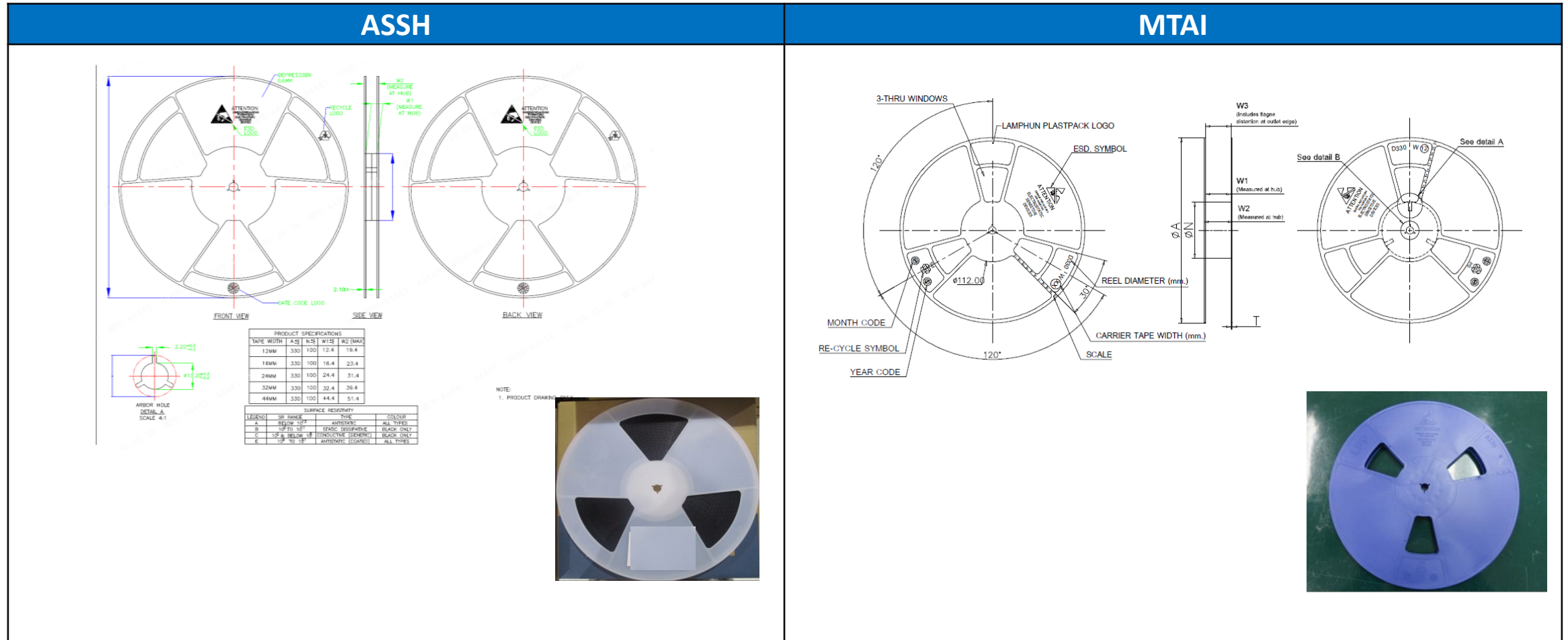


SMART | CONNECTED | SECURE

Cover Tape - 8L SOIC 3.90mm(.150in)



Plastic Reel - 8L SOIC 3.90mm(.150in)



Plant	Reel Diameter (mm.)	Reel Hub Size (mm)	Reel Width Max (mm.)	Color
ASSH	330 ±2.0	100 ±2.0	19.40	White
MTAI	330 ±2.0	100 ±2.0	18.40	Dark Blue

T/R Packing Method Non-Dry Pack (MSL-1) - 8L SOIC 3.90mm(.150in)

ASSH



SSB

BAG WIDTH	BAG LENGTH
370mm	460mm

Reel Logo



Tracking label



Dimension W x L x H (cm)	Number of reel per carton Reel diameter (D) = 330mm Carrier Tape Width 12mm
38.4x36.2x38.5	15

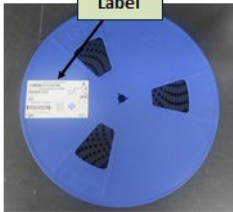
MTAI



SSB

BAG WIDTH	BAG LENGTH
370mm	420mm

Label



Static Sensitive Bag



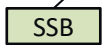
Label



Antistatic Tape



SSB

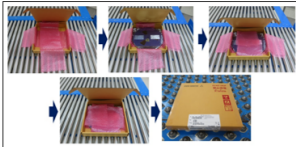


MSL-1 (No inner box)

Carton for product in tubes media (MSL-1)

Carton	Dimension W x L x H (cm)	Number of reel per carton
		Reel diameter (D) = 330mm
		Carrier Tape Width 12mm
M01-011 (TT)	36.5x38x39.5	15
M01-012 (B1)	35.5x35.5x2.8	1
M01-013 (B2)	35.5x35.5x4	2
M01-014 (B3)	35.5x35.5x6	3
M01-015 (B8)	35.5x35.5x16.5	8

Example: Packing for tape and reel in carton box B2/ B3.(Sample)



Packing for tape and reel in carton box B8.(Sample)



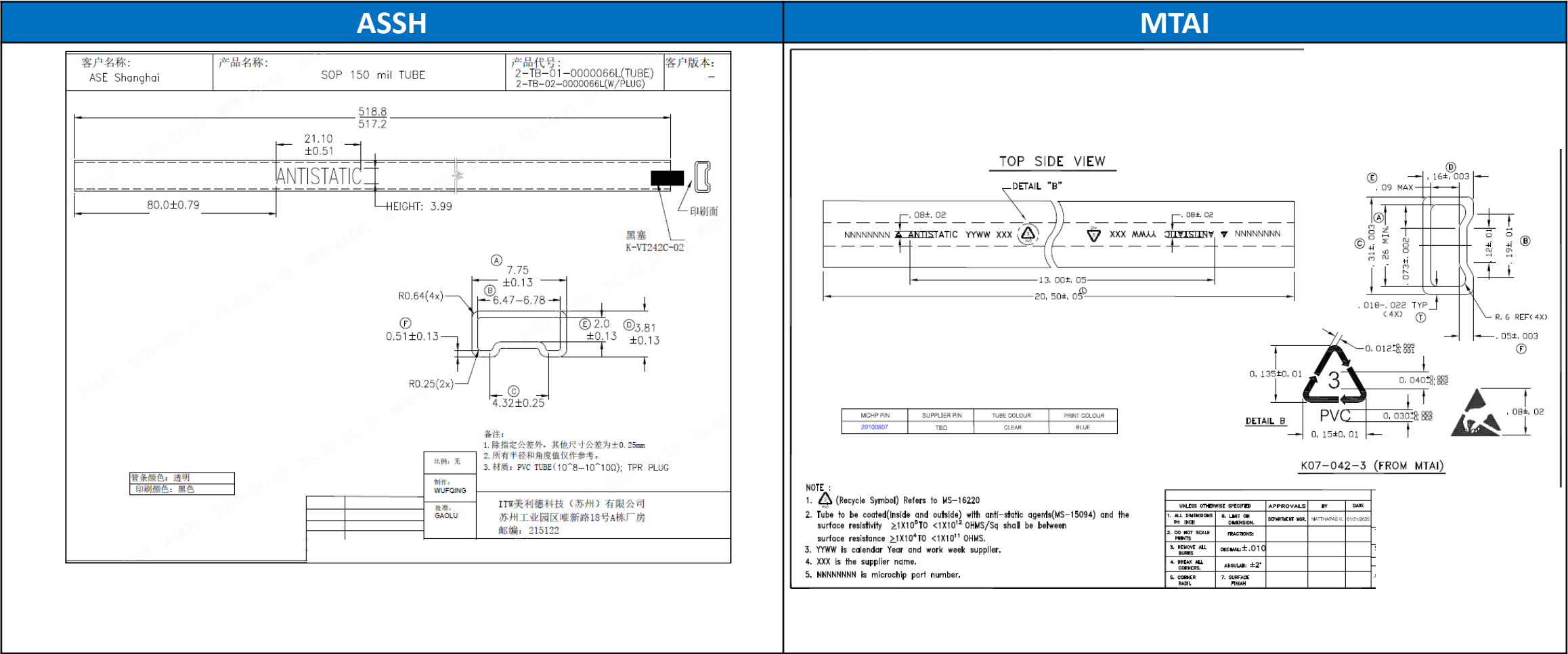
Packing for tape and reel in carton box TT



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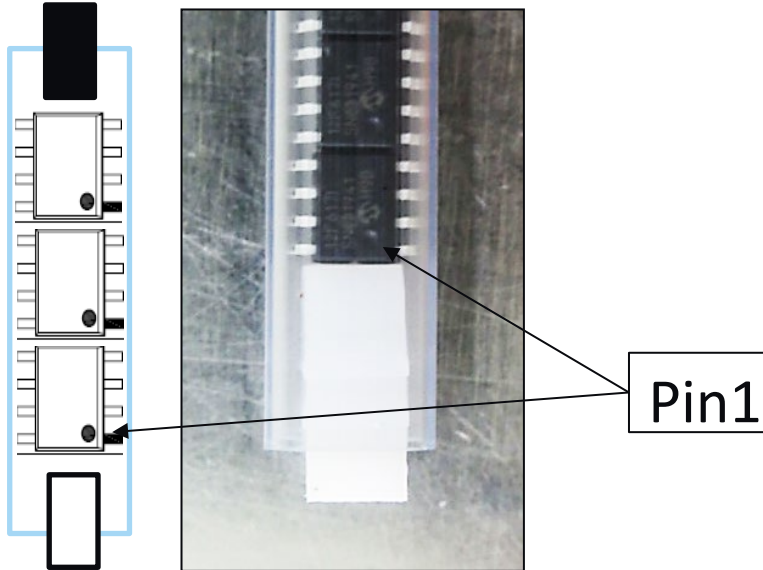


TUBE - 8L SOIC 3.90mm(.150in)



Location	Tube Length (inch)	Dimension	Tube Color	Units per Tube	Tubes per Bag
ASSH	20.00 +/- 0.03 inch	See on drawing	Clear	100	100
MTAI	20.50 +/- 0.05 inch	See on drawing	Clear	100	100

TUBE Plug/Pin Color - 8L SOIC 3.90mm(.150in)

ASSH	MTAI												
 Pin 1点	 Pin1												
<table border="1" data-bbox="272 1106 1052 1240"><thead><tr><th>Media</th><th>Pin1 Side Color</th><th>Opposite Side Color</th></tr></thead><tbody><tr><td>Plug</td><td>Black</td><td>White</td></tr></tbody></table>	Media	Pin1 Side Color	Opposite Side Color	Plug	Black	White	<table border="1" data-bbox="1460 1106 2242 1240"><thead><tr><th>Media</th><th>Pin1 Side Color</th><th>Opposite Side Color</th></tr></thead><tbody><tr><td>Plug</td><td>White</td><td>Black</td></tr></tbody></table>	Media	Pin1 Side Color	Opposite Side Color	Plug	White	Black
Media	Pin1 Side Color	Opposite Side Color											
Plug	Black	White											
Media	Pin1 Side Color	Opposite Side Color											
Plug	White	Black											

TUBE Packing Method Non-Dry Pack (MSL-1) - 8L SOIC 3.90mm(.150in)

ASSH

A photograph of an ASSH tube packaging. It is a clear plastic bag with a yellow ESD label and a white production label. A green box labeled 'SSB' has an arrow pointing to the top of the bag.

SSB

A photograph of an ASSH tube packaging, similar to the one above, showing the ESD and production labels more clearly. Arrows point from the labels to their respective Chinese labels below.

ESD标签

生产标签

Dimension W x L x H (cm)	Number of Bag/carton
27x62x11	6

MTAI

A photograph of an MTAI tube packaging, which is a clear plastic bag with a yellow ESD label. A green box labeled 'SSB' has an arrow pointing to the top of the bag.

SSB

A photograph of an MTAI tube packaging, showing the ESD logo and a label. Arrows point from the text 'ESD logo' and 'Label' to the corresponding features on the bag.

ESD logo

Label

A close-up photograph of the MTAI tube packaging showing the anti-static tape. An orange arrow points to the tape, and a blue box labeled 'ANTI STATIC TAPE' is positioned above it.

ANTI STATIC TAPE

BAG WIDTH

160mm

BAG LENGTH

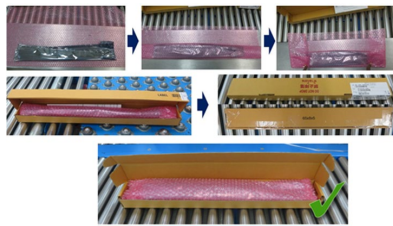
650mm

MSL-1 (No inner box)

Carton for product in tubes media (MSL-1)

Carton	Dimension W x L x H (cm)	Number of Bag/carton
M01-025 (C1)	15x64x5.5	1
M01-026 (C2)	15x64x10	2
M01-027 (C3)	15x64x14	3
M01-028 (C4)	28x63x11	4
M01-029 (C6)	28x63x15.5	6
M01-030 (C8)	28x63x20	8

Example:

A sequence of five photographs showing the process of packing MTAI tubes into a carton. The first three photos show the tubes being placed into the carton, and the last two photos show the carton being closed and sealed. A green checkmark is visible in the bottom right corner of the final photo.