

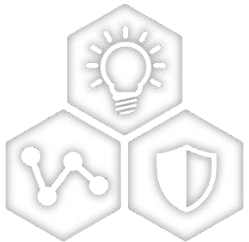
CCB 8030.008

Pre and Post Change Summary

PCN #: MFOL-15LJZP349

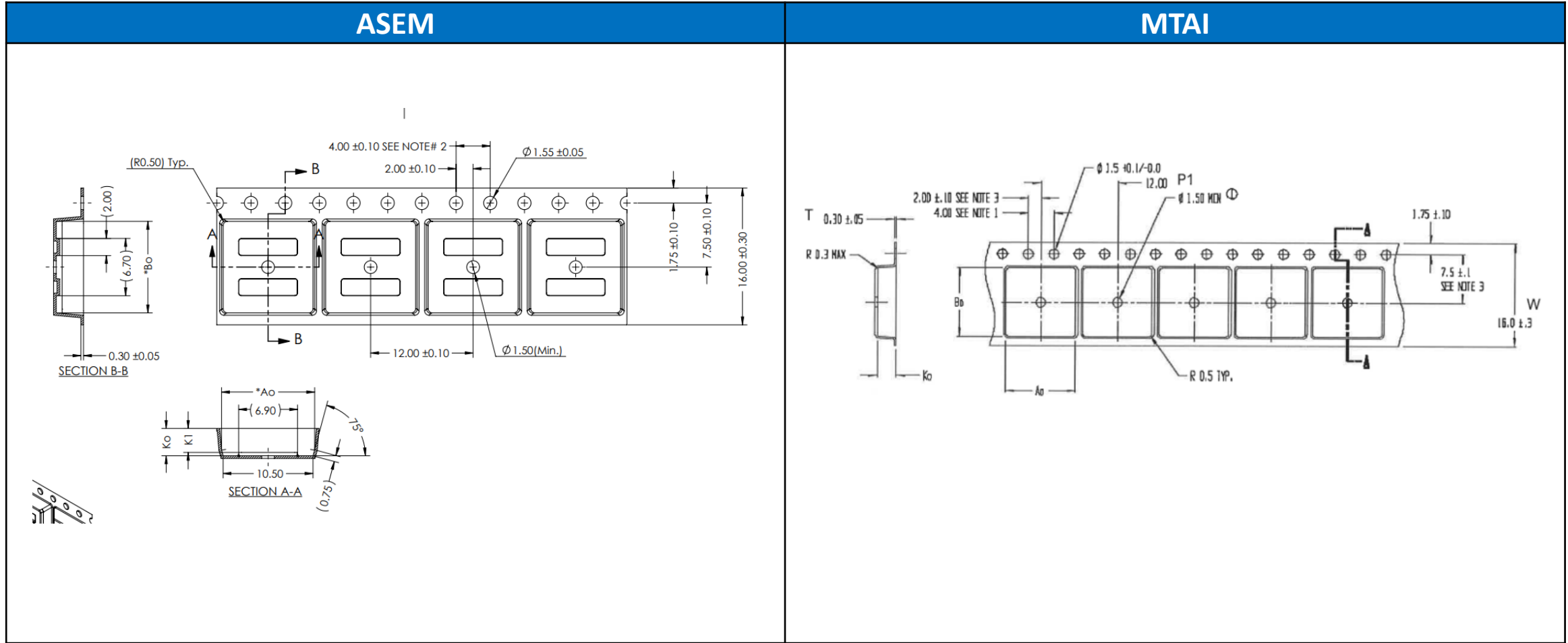


A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



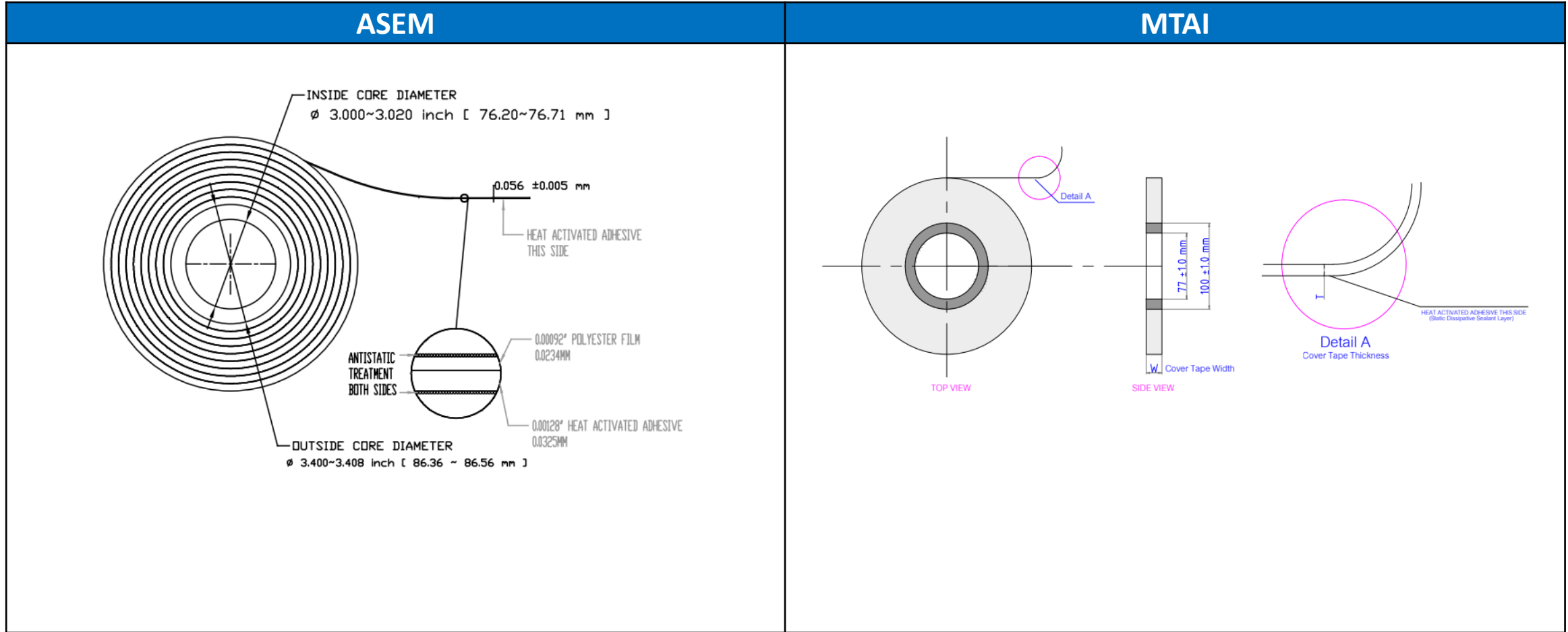
SMART | CONNECTED | SECURE

Pre and Post Change Summary – T/R (Carrier Tape) - SOIC



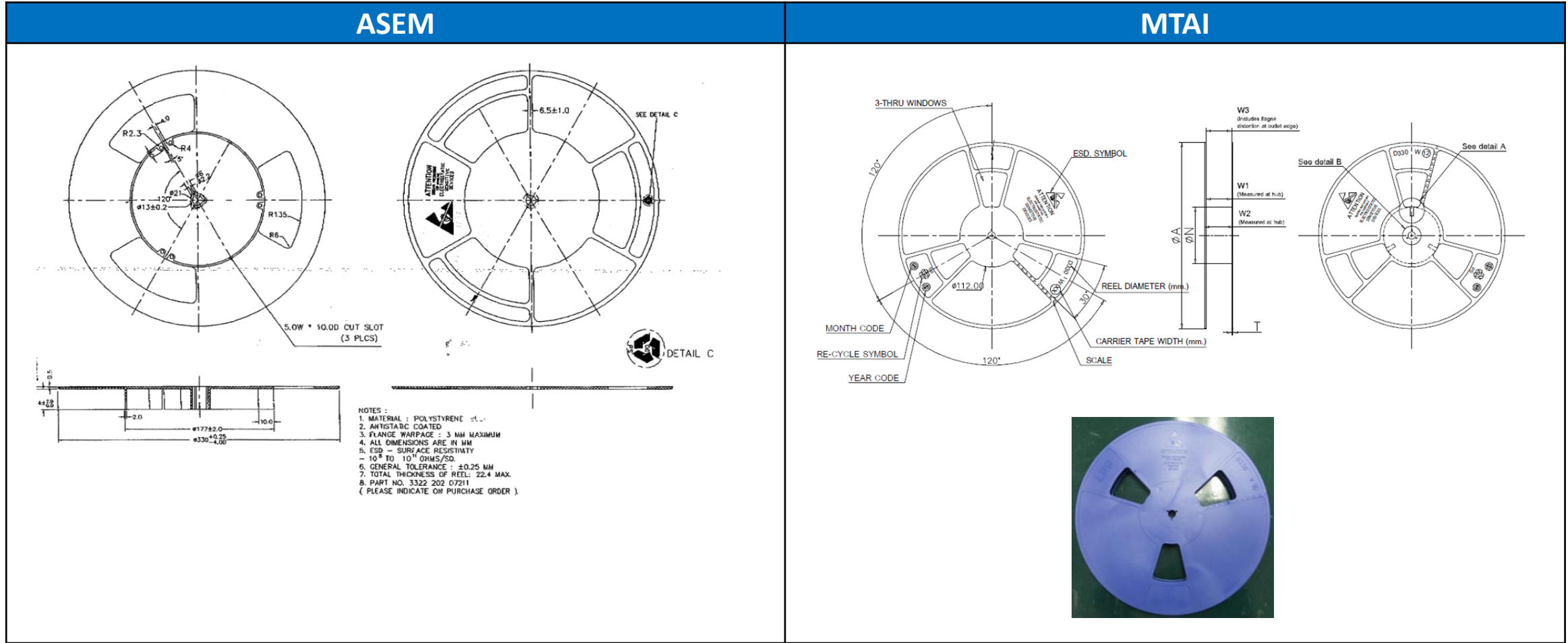
Plant	W (mm)	P (mm)	A0 (mm)	B0 (mm)	K0 (mm)	K1 (mm)	Thickness (mm)
ASEM	16.00 ± 0.30	12.00 ± 0.10	10.90 ± 0.10	10.70 ± 0.10	3.20 ± 0.10	2.80 ± 0.10	0.3 ± 0.05
MTAI	16.00 ± 0.3	12.00 ± 0.1	10.90 ± 0.1	10.70 ± 0.1	3.00 ± 0.1	-	0.30 ± 0.05

Pre and Post Change Summary – T/R (Cover Tape) - SOIC



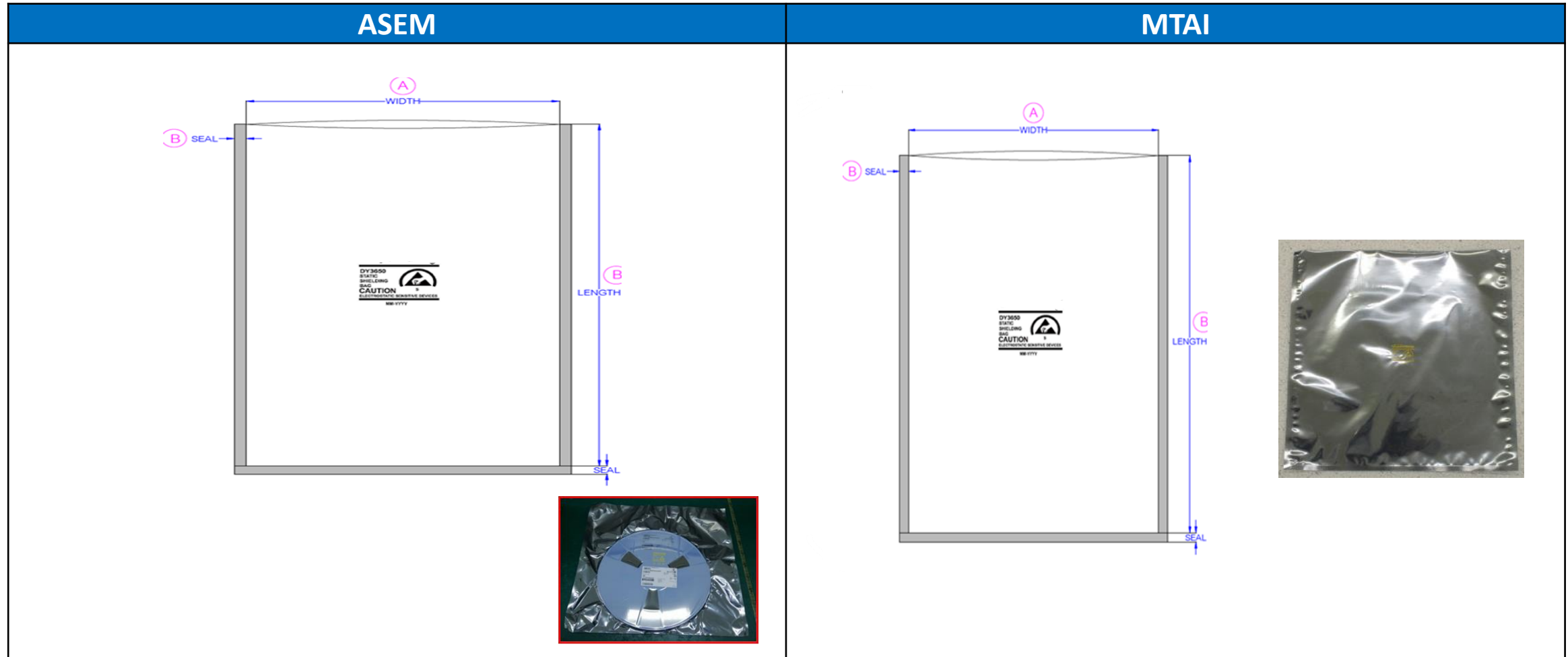
Plant	Width W (mm)	Thickness T (mm)	Color	Sealing Methodology
ASEM	13.3 ± 0.1	0.056± 0.005	Clear	Heat sealing
MTAI	13.3 ± 0.1	0.050 ± 0.010	Clear	Heat sealing

Pre and Post Change Summary – T/R (Plastic Reel) - SOIC



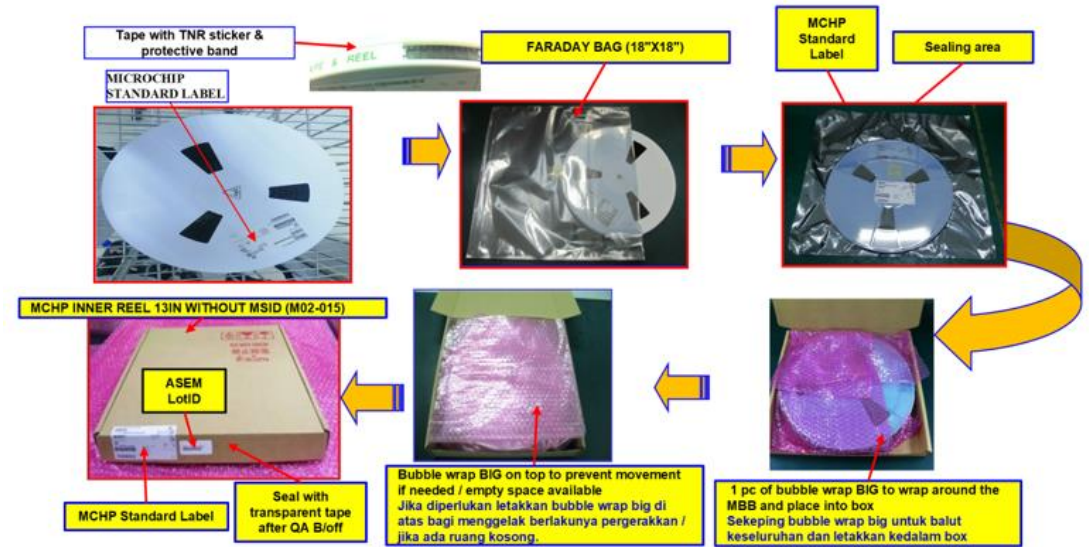
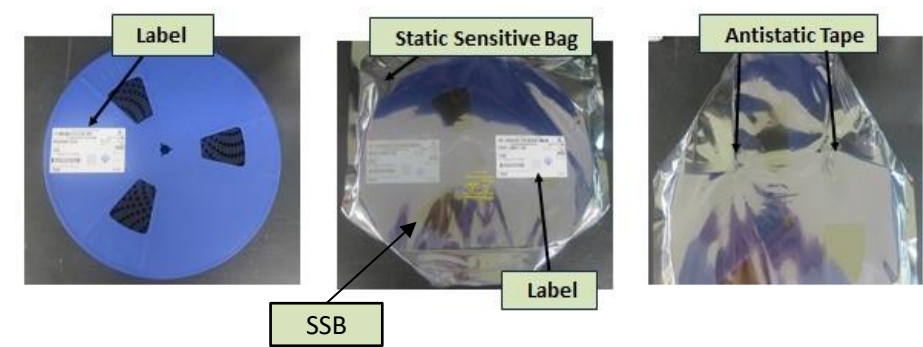
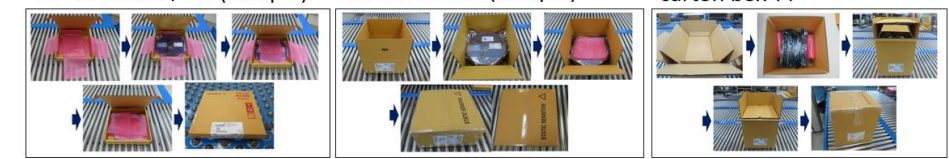
Plant	Reel Diameter (mm)	Reel Hub Size (mm)	Reel Width Max (mm)	Color
ASEM	330+0.25/-4.00	177±2.0	22.40	Dark Blue
MTAI	330 ±2	100 ±2	22.40	Dark Blue

Pre and Post Change Summary – T/R (Static Shielding Bag) - SOIC

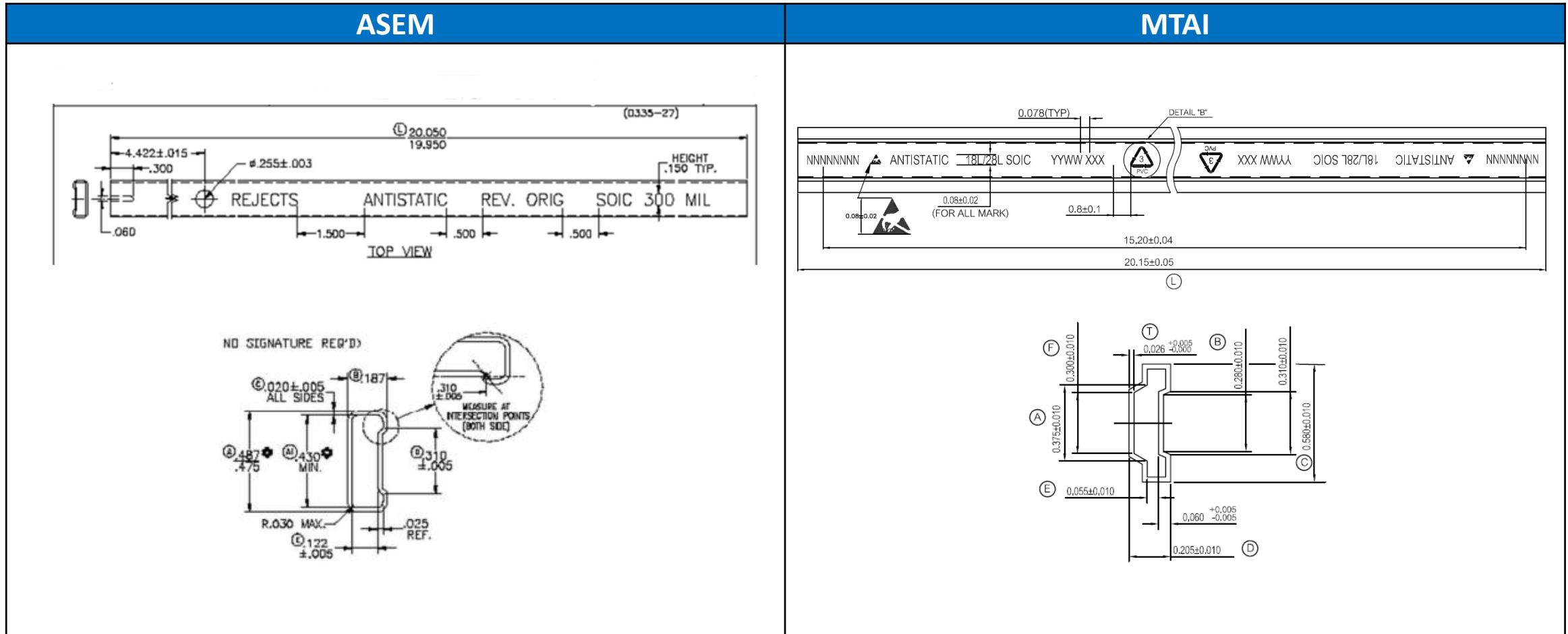


Plant	Bag type	Length (mm)	Width (mm)	Thickness (mm)
ASEM	Static Shielding Bag	457±5.00	457±5.00	0.0762
MTAI	Static Shielding Bag	420 +5/-0	370 +5/-0	0.0762

Pre and Post Change Summary – T/R (Packing Method) - SOIC

ASEM	MTAI																	
<p>APPLICABLE FOR ALL TAPE AND REEL NON DRYPACK PACKAGES</p> <p>1. REEL LABEL TO BE PASTED OPPOSITE SPROCKET HOLE (ROUND HOPE) OF THE CARRIER TAPE. REEL LABEL PERLU DILEKATKAN BERLAWANAN LUBANG SPROCKET (LUBANG BULAT) PADA CARRIER TAPE.</p>  <div style="border: 1px solid black; padding: 5px; margin-top: 10px; text-align: center;"> <p>Inner Box</p> <p>Dimension W x L x H (cm)</p> <p>37x35.1x5.3</p> </div>	 <p style="text-align: center; color: #0056b3; font-weight: bold;">MSL-1 (No inner box)</p> <p>Carton for product in T/R media (MSL-1)</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #0056b3; color: white;"> <th rowspan="3">Carton</th> <th rowspan="3">Dimension W x L x H (cm)</th> <th>Max Number of reel per carton</th> </tr> <tr style="background-color: #0056b3; color: white;"> <th>Reel diameter (D) = 330mm</th> </tr> <tr style="background-color: #0056b3; color: white;"> <th>Carrier Tape Width 16mm</th> </tr> </thead> <tbody> <tr> <td>M01-011 (TT)</td> <td>36.5x38x39.5</td> <td>14</td> </tr> <tr> <td>M01-013 (B2)</td> <td>35.5x35.5x4</td> <td>1</td> </tr> <tr> <td>M01-014 (B3)</td> <td>35.5x35.5x6</td> <td>2</td> </tr> <tr> <td>M01-015 (B8)</td> <td>35.5x35.5x16.5</td> <td>6</td> </tr> </tbody> </table> <p style="margin-top: 10px;">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</p> 	Carton	Dimension W x L x H (cm)	Max Number of reel per carton	Reel diameter (D) = 330mm	Carrier Tape Width 16mm	M01-011 (TT)	36.5x38x39.5	14	M01-013 (B2)	35.5x35.5x4	1	M01-014 (B3)	35.5x35.5x6	2	M01-015 (B8)	35.5x35.5x16.5	6
Carton	Dimension W x L x H (cm)			Max Number of reel per carton														
				Reel diameter (D) = 330mm														
		Carrier Tape Width 16mm																
M01-011 (TT)	36.5x38x39.5	14																
M01-013 (B2)	35.5x35.5x4	1																
M01-014 (B3)	35.5x35.5x6	2																
M01-015 (B8)	35.5x35.5x16.5	6																

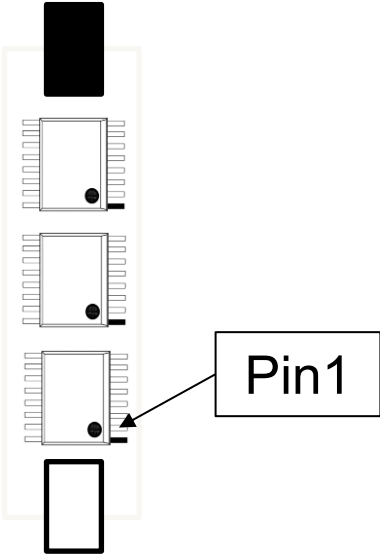
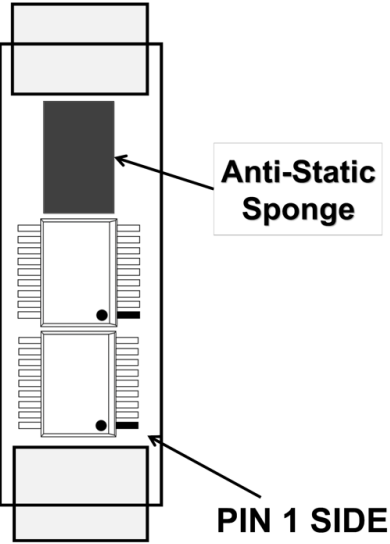
Pre and Post Change Summary – Tube - SOIC



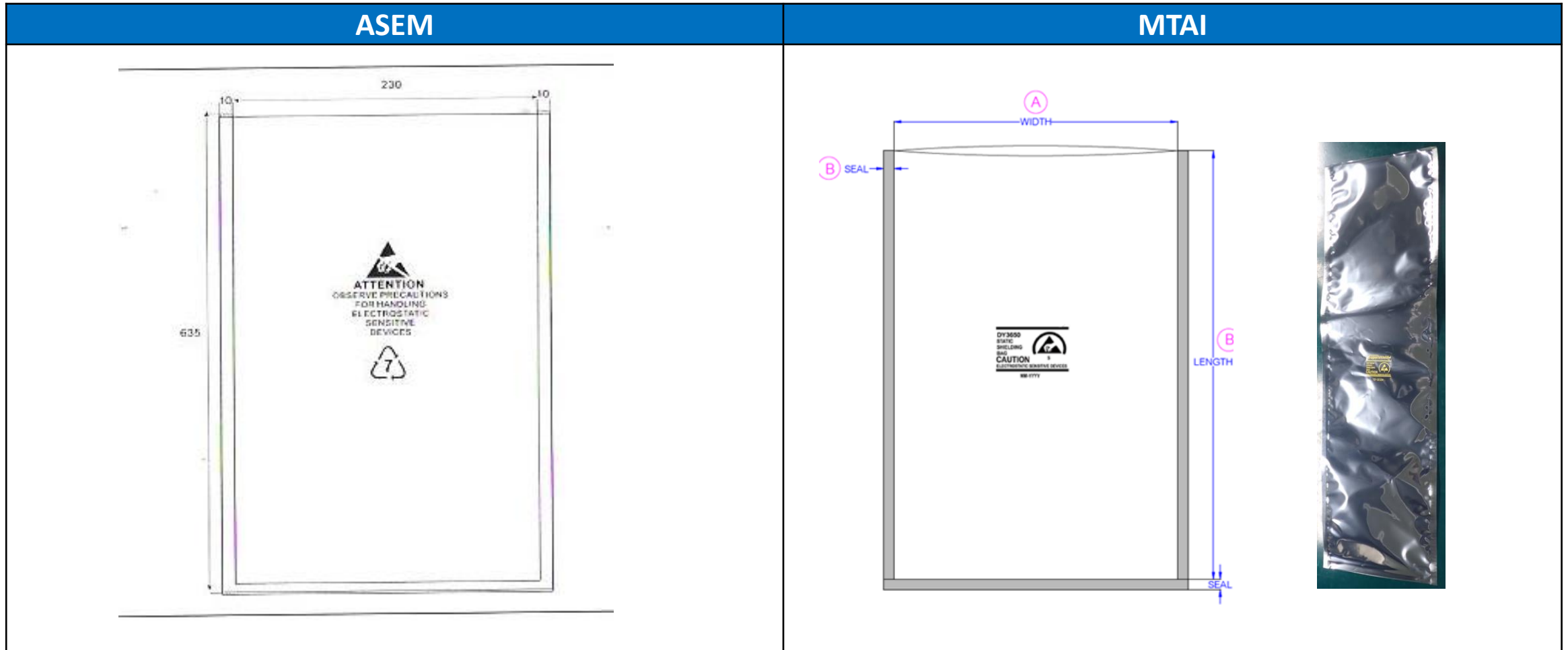
Plant	Tube Length (inch)	Tube Color	Unit per Tube	Tubes per Bag
ASEM	20.00 ± 0.05	Clear	46	25
MTAI	20.15 ± 0.05	Clear	46	40

Note: The standard MTAI packing is 47 units per tube. The quantity per tube shown in the table above will support MASK: 1H001, 1H002, 1H010, 1H013, 1H015, V8013, V8014, V8015, V8016, V8031 transfer to MTAI only.

Pre and Post Change Summary – Tube (Pin 1 Orientation) - SOIC

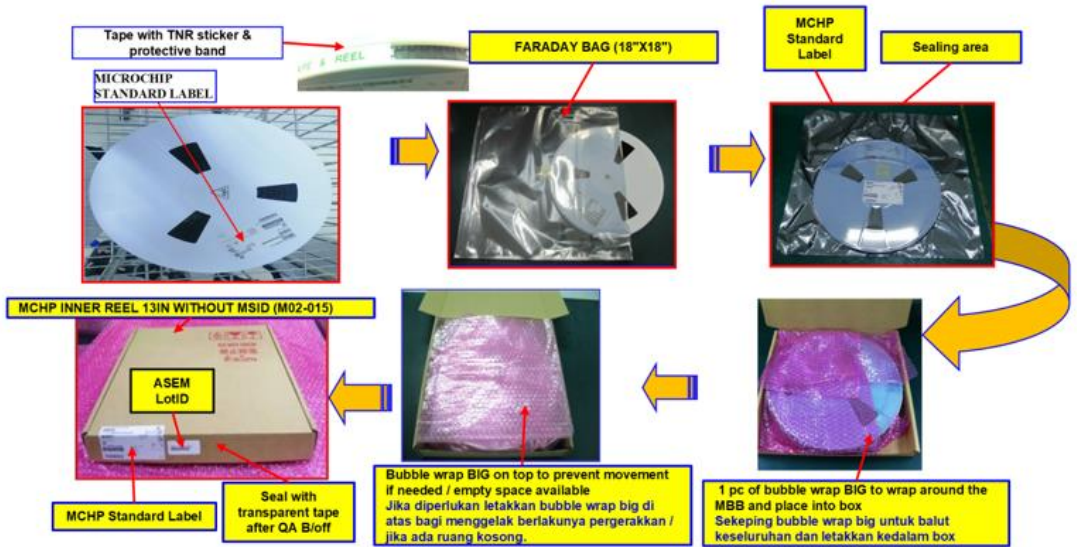

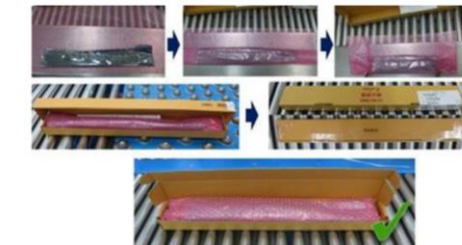
ASEM			MTAI		
 <p>The diagram shows a vertical SOIC tube with a black cap at the top. The tube contains three SOIC packages. The bottom-most package has a dot on its right side, which is labeled 'Pin1' with an arrow pointing to it.</p>			 <p>The diagram shows a vertical SOIC tube with a grey cap at the top. Inside, there is a dark grey rectangular block labeled 'Anti-Static Sponge' above three SOIC packages. The bottom-most package has a dot on its right side, which is labeled 'PIN 1 SIDE' with an arrow pointing to it.</p>		
Media	Pin1 Side Color	Opposite Side Color	Media	Pin1 Side Color	Opposite Side Color
Plug	White	Black	Plug	White	Black

Pre and Post Change Summary – Tube (Static Shielding Bag) - SOIC

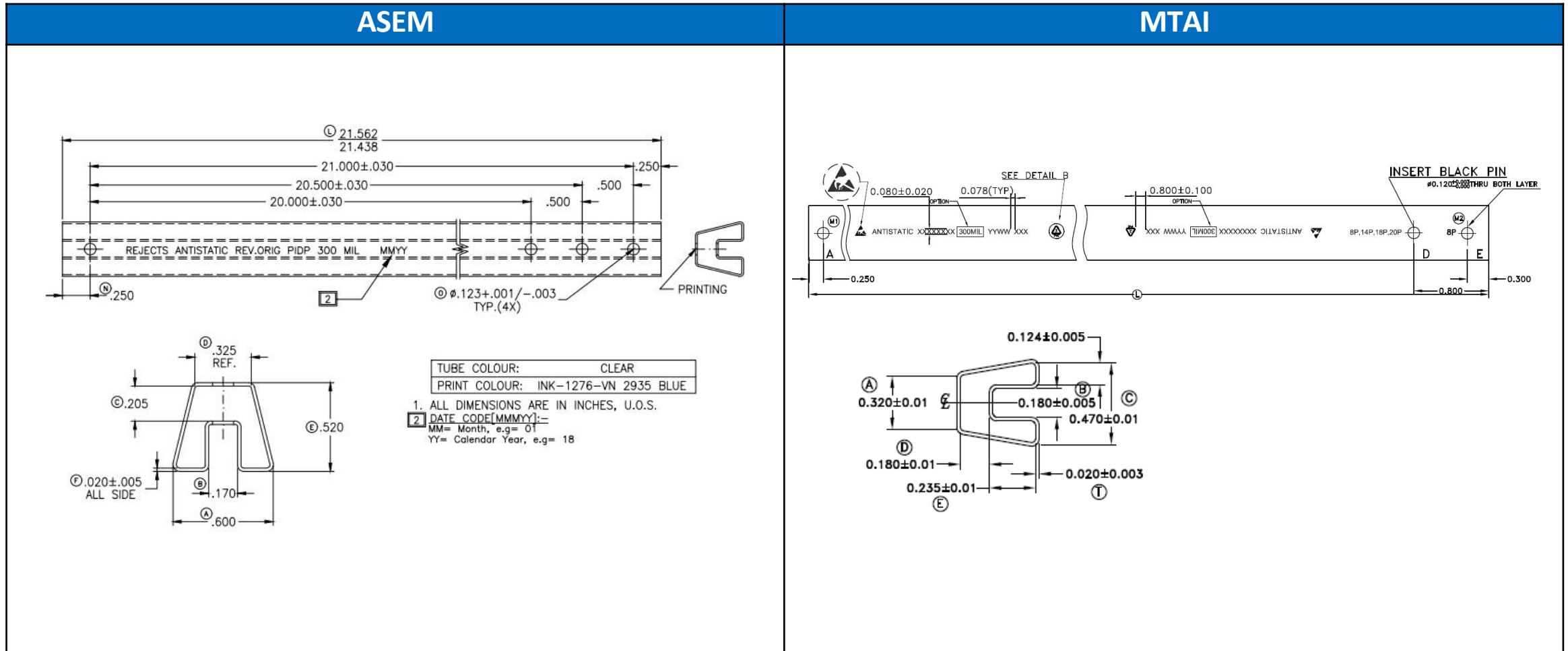


Plant	Bag type	Length (mm)	Width (mm)	Thickness (mm)
ASEM	Static Shielding Bag	635.00±5.00	230.00 ±5.00	0.0762
MTAI	Static Shielding Bag	650 +5/-0	160 +5/-0	0.0762

Pre and Post Change Summary – Tube (Packing Method) - SOIC

ASEM	MTAI																																				
<p>APPLICABLE FOR ALL TAPE AND REEL NON DRYPACK PACKAGES</p> <p>1. REEL LABEL TO BE PASTED OPPOSITE SPROCKET HOLE (ROUND HOPE) OF THE CARRIER TAPE. REEL LABEL PERLU DILEKATKAN BERLAWANAN LUBANG SPROCKET (LUBANG BULAT) PADA CARRIER TAPE.</p>  <p>MCHP INNER REEL 13IN WITHOUT MSID (M02-015)</p> <p>ASEM LotID</p> <p>MCHP Standard Label</p> <p>Seal with transparent tape after QA B/off</p> <p>Bubble wrap BIG on top to prevent movement if needed / empty space available Jika diperlukan letakkan bubble wrap big di atas bagi mengelak berlakunya pergerakan / jika ada ruang kosong.</p> <p>1 pc of bubble wrap BIG to wrap around the MBB and place into box Sekeping bubble wrap big untuk balut keseluruhan dan letakkan kedalam box</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 20px;"> <thead> <tr style="background-color: #cccccc;"> <th>Carton Type</th> <th>Packing method</th> <th>Dimension</th> </tr> </thead> <tbody> <tr> <td>1Q Tube Outer Box</td> <td>1 Tube Inner Box</td> <td>241 x 143 x 566 mm</td> </tr> <tr> <td>8Q Tube Outer Box</td> <td>2 Tube Inner boxes</td> <td>473 x 150 x 570 mm</td> </tr> <tr> <td>16Q Tube Outer Box</td> <td>4 Tube Inner Boxes</td> <td>473 x 281 x 570 mm</td> </tr> <tr> <td>24Q Tube Outer Box</td> <td>6 Tube Inner Boxes</td> <td>473 x 420 x 570 mm</td> </tr> </tbody> </table>	Carton Type	Packing method	Dimension	1Q Tube Outer Box	1 Tube Inner Box	241 x 143 x 566 mm	8Q Tube Outer Box	2 Tube Inner boxes	473 x 150 x 570 mm	16Q Tube Outer Box	4 Tube Inner Boxes	473 x 281 x 570 mm	24Q Tube Outer Box	6 Tube Inner Boxes	473 x 420 x 570 mm	 <p>MSL-1 (No inner box) Carton for product in tubes media</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #0056b3; color: white;"> <th>Carton</th> <th>Dimension W x L x H (cm)</th> <th>Number of Bag/carton</th> </tr> </thead> <tbody> <tr> <td>M01-025 (C1)</td> <td>15x64x5.5</td> <td>1</td> </tr> <tr> <td>M01-026 (C2)</td> <td>15x64x10</td> <td>2</td> </tr> <tr> <td>M01-027 (C3)</td> <td>15x64x14</td> <td>3</td> </tr> <tr> <td>M01-028 (C4)</td> <td>28x63x11</td> <td>4</td> </tr> <tr> <td>M01-029 (C6)</td> <td>28x63x15.5</td> <td>6</td> </tr> <tr> <td>M01-030 (C8)</td> <td>28x63x20</td> <td>8</td> </tr> </tbody> </table> <p>Example:</p> 	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
Carton Type	Packing method	Dimension																																			
1Q Tube Outer Box	1 Tube Inner Box	241 x 143 x 566 mm																																			
8Q Tube Outer Box	2 Tube Inner boxes	473 x 150 x 570 mm																																			
16Q Tube Outer Box	4 Tube Inner Boxes	473 x 281 x 570 mm																																			
24Q Tube Outer Box	6 Tube Inner Boxes	473 x 420 x 570 mm																																			
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																																			

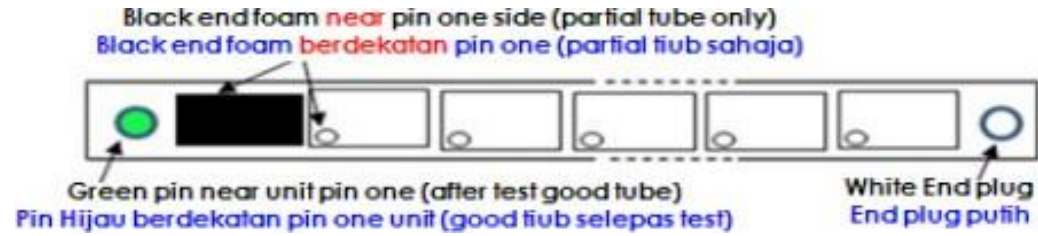
Pre and Post Change Summary – Tube (PDIP)



Plant	Tube Length (inch)	Hole Usage	Tube Length between Hole Usage(inch)	Tube Color	Unit per Tube	Tubes per Bag
ASEM	21.562±0.10	1	21.000±0.30	Clear	25	25
MTAI	20.33 ±0.030	Hole A to Hole E	19.28 ±0.030	Clear	25	60

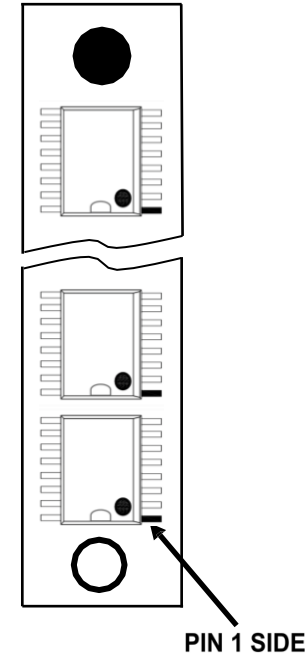
Pre and Post Change Summary – Tube Pin Color (PDIP)

ASEM



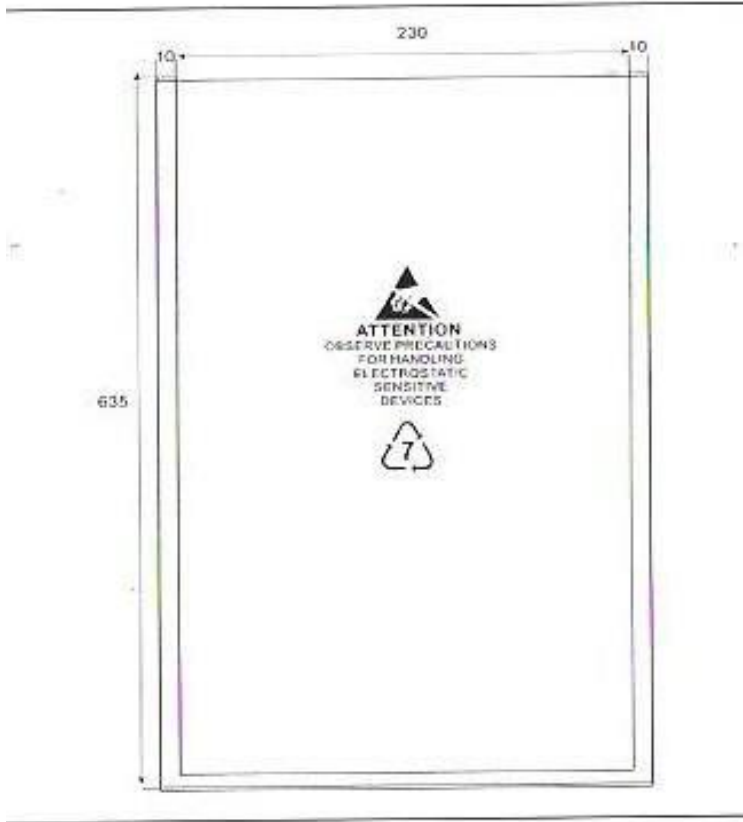
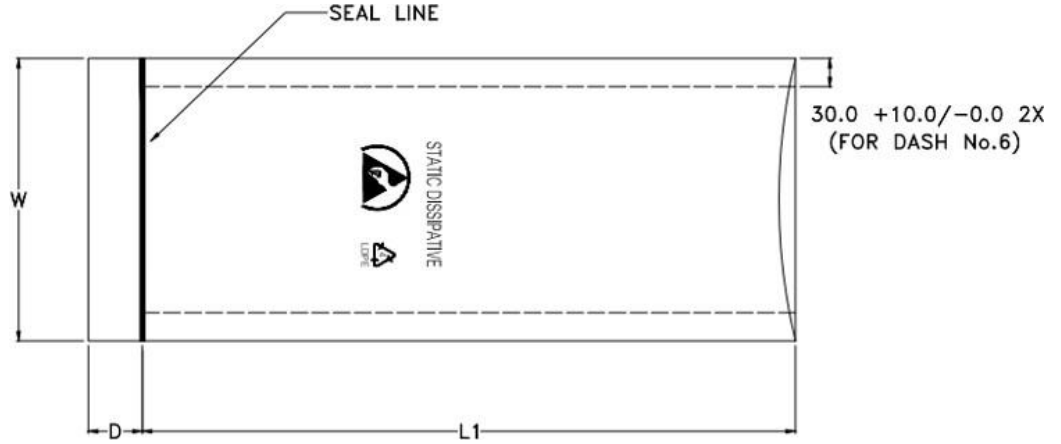

Media	Pin Side Color	Opposite Side Color
Pin	Green	White

MTAI



Media	Pin Side Color	Opposite Side Color
Pin	White	Black

Pre and Post Change Summary – Tube Bag (PDIP)

ASEM	MTAI
	 

Plant	Bag type	Length (mm)	Width (mm)	Thickness (mm)
ASEM	Static Shielding Bag	635.00±5.00	230.00 ±5.00	0.0762
MTAI	Antistatic Pink Gusset	760 +10/-5	140 +10/-0	0.100 +/- 0.01

Pre and Post Change Summary – Tube Packing Method (PDIP)

ASEM

APPLICABLE FOR TUBE NON DRYPACK PACKAGES
DIGUNAKAN UNTUK TIUB NON DRYPACK PACKAGE

Notes:- Tube pack must seal using **SOFT** seal vacuum sealer

Nota : Tiub pack mesti diséal menggunakan **SOFT** seal vakum sealer



Carton Type	ASC Part No	Packing method	Dimension
1Q Tube Outer Box	115264345	1 Tube Inner Box	241 x 148 x 566 mm
8Q Tube Outer Box	115004522	2 Tube Inner boxes	473 x 150 x 570 mm
16Q Tube Outer Box	115005522	4 Tube Inner Boxes	473 x 281 x 570 mm
24Q Tube Outer Box	115006522	6 Tube Inner Boxes	473 x 420 x 570 mm

MTAI



MSL-N/A (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