



Product Change Notification / JAON-15XJYR211

Date:

09-Jan-2023

Product Category:

Battery Management and Fuel Gauges - Battery Chargers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5299 Final Notice: Qualification of MTAI as an additional final test site for MIC79110-4.2YML-TR and MIC79110YML-TR catalog part numbers (CPN) available in 10L VDFN (3x3x0.9mm) package.

Affected CPNs:

[JAON-15XJYR211_Affected_CPN_01092023.pdf](#)

[JAON-15XJYR211_Affected_CPN_01092023.csv](#)

Notification Text:

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 MIC79110-4.2YML-TR and MIC79110YML-TR catalog part numbers (CPN) available in 10L VDFN (3x3x0.9mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change

Availability																	
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:September 17, 2022: Issued initial notification.

January 9, 2023: Issued final notification. Attached Qual Report and included estimated first ship date on April 21, 2023

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

Attachments:

[PCN_JAON-15XJYR211_Qual_Report.pdf](#)

[PCN_JAON-15XJYR211_Pre and Post Change_Summary.pdf](#)

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

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QUALIFICATION REPORT SUMMARY

PCN #: JAON-15XJYR211

**Date:
December 20, 2022**

**Qualification of MTAI as an additional final test site for
MIC79110-4.2YML-TR and MIC79110YML-TR catalog part
numbers (CPN) available in 10L VDFN (3x3x0.9mm) package.**

Purpose: Qualification of MTAI as an additional final test site for MIC79110-4.2YML-TR and MIC79110YML-TR catalog part numbers (CPN) available in 10L VDFN (3x3x0.9mm) package.

CCB No.: 5299

Test / Evaluation	Test Condition / Parameters	Result
Correlation Plan	33 correlation units of MIC79110YML-TR to be tested at UNIS and send to MTAI for parametric correlation of ATE measured data sheet parameters.	Passed
	3,000 untested units from each package size for yield and bin- to-bin comparison (UNIS to MTAI).	Passed
	Test flow: Final Test Room 100% -> QA Sample Room.	Passed

Affected Catalog Part Numbers (CPN)

MIC79110-4.2YML-TR

MIC79110YML-TR

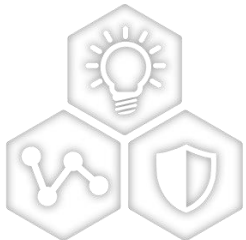
CCB 5299

Pre and Post Change Summary

PCN# JAON-15XJYR211

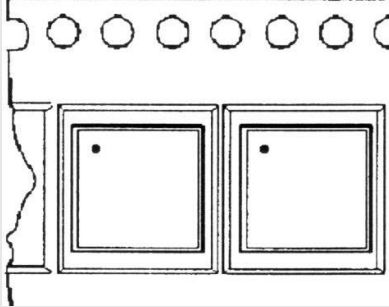
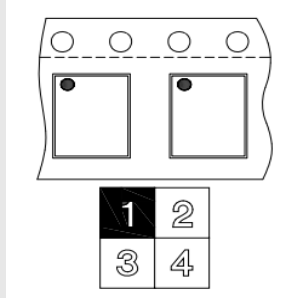


A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



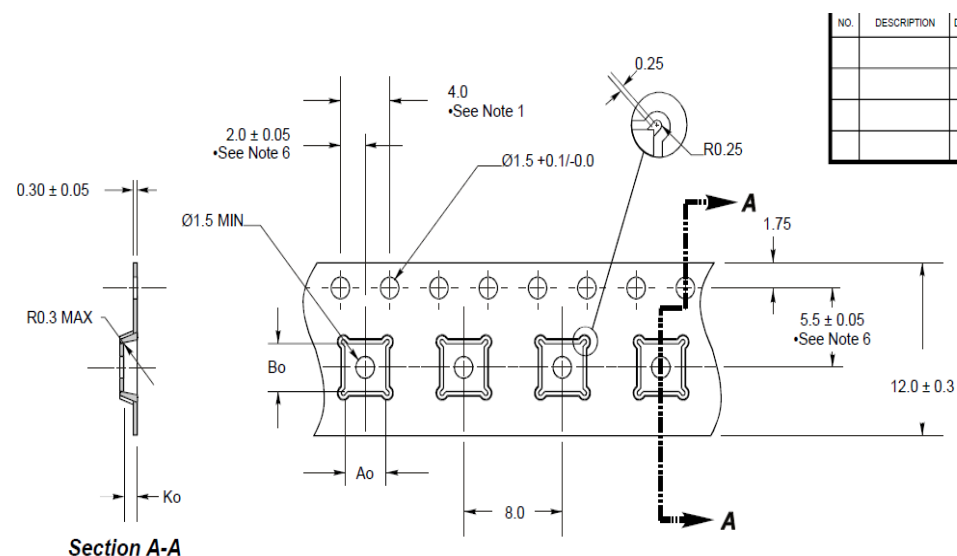
SMART | CONNECTED | SECURE

Pre and Post Change Summary

	UNIS	MTAI
Packing Media	Tape and Reel	Tape and Reel
Base Quantity Multiple (BQM)	5000	5000
Pin 1 orientation	Q1 	Q1 

Pre and Post Change Summary – Carrier Tape

UNIS

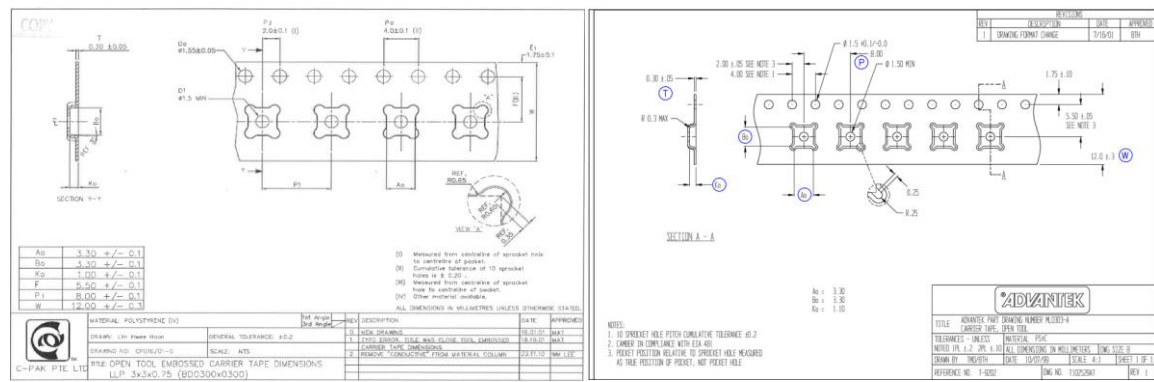


Section A-A

Ao = 3.3 mm
Bo = 3.3 mm
Ko = 1.1 mm



MTAI

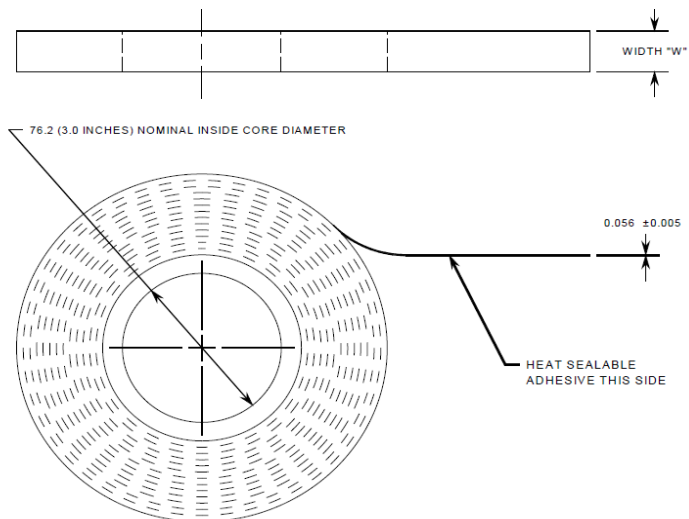


Supplier	W (mm.) ±0.3 or Specific	P (mm.) ±0.1 or Specific	A ₀ ±0.1 or Specific	B ₀ ±0.1 or Specific	K ₀ ±0.1 or Specific	Thickness ±0.05
Supplier A	12	8	3.30	3.30	1.00	0.30
Supplier B	12	8	3.30	3.30	1.10	0.30

Plant	Package	Carrier Tape Width	Cover Tape Width	Thickness of Cover Tape	Color of Cover Tape	Sealing mythology
UNIS	10L VDFN 3x3	12mm	9.2mm	0.056mm	Clear	Heat sealing
MTAI	10L VDFN 3x3	12mm	9.05+0.05/-0.15mm	0.050 ±0.010mm	Clear	Heat sealing

Pre and Post Change Summary – Cover Tape

UNIS

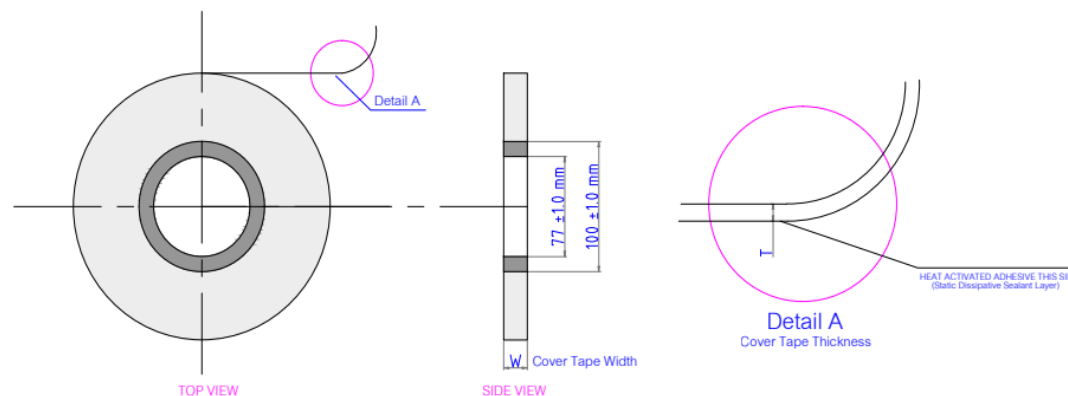


2	DBE A1111-93-2 REV. 2	
3	R10076	4/2/98 T.S
4	R10078	4/24/98 T.S
5	R-10124	3/11/99 T.S

PART NO.	WIDTH "W"
AA05305NP	5.3±0.1mm
AA05405NP	5.4±0.1mm
AA09205NP	9.2±0.1mm
AA09505NP	9.5±0.1mm
AA13105NP	13.1±0.1mm
AA13305NP	13.3±0.1mm
AA13405NP	13.4±0.1mm
AA21005NP	21.0±0.1mm
AA21305NP	21.3±0.1mm
AA25505NP	25.5±0.1mm
AA37505NP	37.5±0.1mm
AA49505NP	49.5±0.1mm
AA65505NP	65.5±0.15mm
AA81505NP	81.5±0.15mm
AA97505NP	97.5±0.20mm
AA11355NP	113.5±0.20mm
AA12955NP	129.5±0.25mm
AA14555NP	145.5±0.25mm
AA16155NP	161.5±0.30mm
AA17755NP	177.5±0.30mm
AA19355NP	193.5±0.30mm



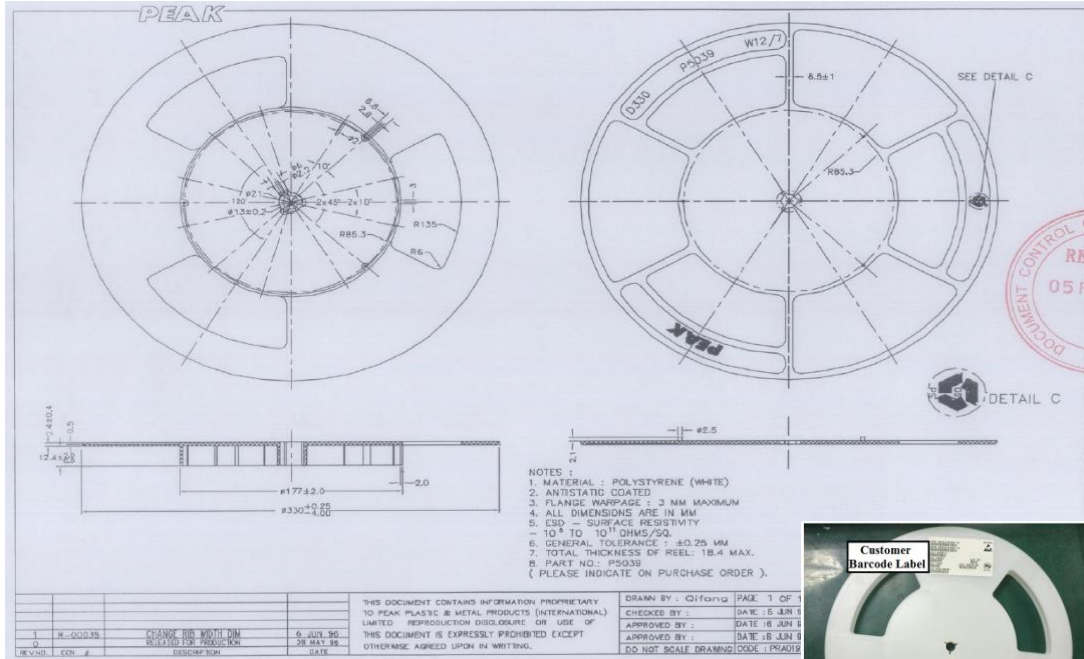
MTAI



Plant	Package	Carrier Tape Width	Cover Tape Width	Thickness of Cover Tape	Color of Cover Tape	Sealing mythology
UNIS	10L VDFN 3x3	12mm	9.2mm	0.056mm	Clear	Heat sealing
MTAI	10L VDFN 3x3	12mm	9.05+0.05/-0.15mm	0.050 ± 0.010mm	Clear	Heat sealing

Pre and Post Change Summary - Reel

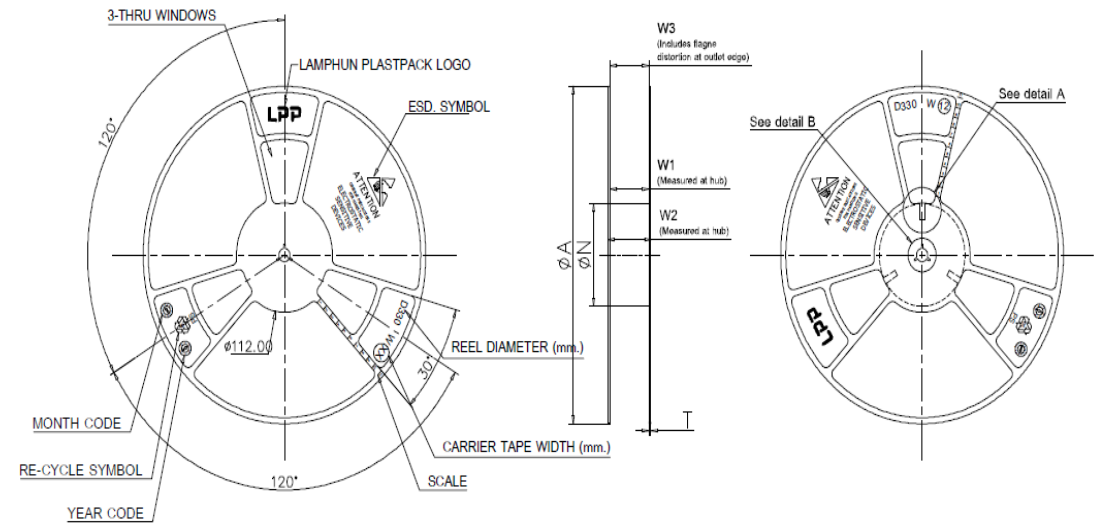
UNIS



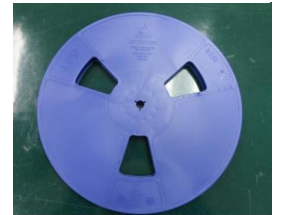
Color: White



MTAI



Color: Dark Blue



Plant	Package	Carrier Tape Width	Reel Diameter (mm.)	Reel Hub Size (mm)	Reel Width Max (mm.)	Color
UNIS	08L VDFN 3x3	12mm	330 +4.0/-0.25	177 ±2.0	18.40	White
MTAI	10L VDFN 3x3	12mm	330 ±2.0	100 ±2.0	18.40	Dark Blue

Pre and Post Change Summary – Static Shielding Bag

UNIS	MTAI																														
<div><div>Opening</div><div><div>16"</div><div>16"</div></div><div><div>ATTENTION</div><div>DO NOT RE-ENTER THE BAG</div><div>DO NOT RE-ENTER THE BAG</div><div>DO NOT RE-ENTER THE BAG</div></div></div>	<div><div><div><div>A</div><div>WIDTH</div></div><div><div>B</div><div>SEAL</div></div><div><div>C</div><div>Thickness</div></div><div><div>B</div><div>LENGTH</div></div><div><div>SEAL</div></div></div><div><div>Supershield</div><div>DY3650</div><div>STATIC</div><div>SHIELDING</div><div>BAG</div><div>CAUTION</div><div>DO NOT RE-ENTER THE BAG</div><div>MM/YYYY</div></div><div><div>STATIC SHIELDING FILM (BAG)</div><div>Note:</div><div><div>(1) Printing Color: Yellow</div><div>(2) Thickness: 3mils +/- 10% (0.3)</div><div>(3) Specification Reference: MS-15090</div><div>(4) MM: Month code</div><div>(5) YYYY: Year code</div></div><div><table><tr><th>ITEM</th><th>MEDIA</th><th>WIDTH (+5/-0 MM)</th><th>LENGTH (+5/-0 MM)</th><th>SEAL (+/-2 MM)</th><th>MCHP P/N</th></tr><tr><td>1</td><td>TUBE</td><td>160</td><td>650</td><td>10</td><td>24000002</td></tr><tr><td>2</td><td>T/R</td><td>220</td><td>300</td><td>10</td><td>24000042</td></tr><tr><td>3</td><td>T/R</td><td>370</td><td>420</td><td>10</td><td>24000023</td></tr><tr><td>4</td><td>TRAY</td><td>280</td><td>560</td><td>10</td><td>24000061</td></tr></table></div><div><div></div></div></div></div>	ITEM	MEDIA	WIDTH (+5/-0 MM)	LENGTH (+5/-0 MM)	SEAL (+/-2 MM)	MCHP P/N	1	TUBE	160	650	10	24000002	2	T/R	220	300	10	24000042	3	T/R	370	420	10	24000023	4	TRAY	280	560	10	24000061
ITEM	MEDIA	WIDTH (+5/-0 MM)	LENGTH (+5/-0 MM)	SEAL (+/-2 MM)	MCHP P/N																										
1	TUBE	160	650	10	24000002																										
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4	TRAY	280	560	10	24000061																										

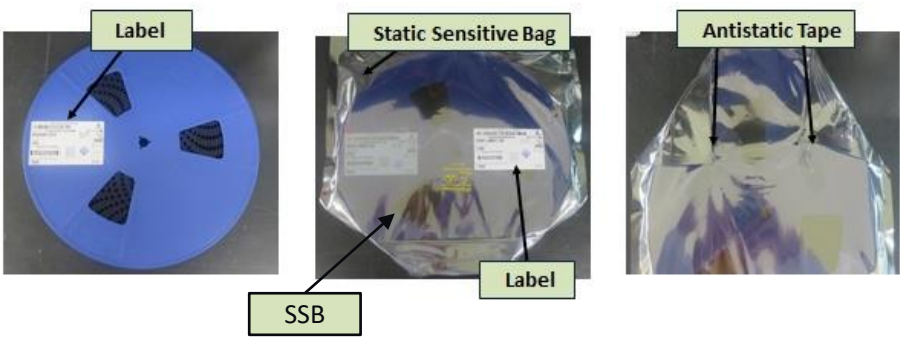
Plant	Supplier Part	Length (Inch)	Width (Inch)	Thickness (Mils)
UNIS	Static Shielding Bag c/w Printing	16	16	3
MTAI	DY3650	16.53	14.56	3

Pre and Post Change Summary – Packing Method

UNIS



MTAI



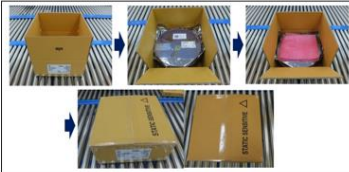
MSL-1 (No inner box)

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

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

