



## Vishay BCcomponents Aluminum Capacitors Discontinuance of Radial 038 RSU Series

**DESCRIPTION OF CHANGE:** Termination of Vishay BCcomponents series 038 RSU.

Available alternatives can be found in replacement table below.

Any PN within these series, whether listed or not, will also be affected.

**REASON FOR CHANGE:** Poor availability of key raw materials and low market demand.

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** N/A

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** Please see materials list on the succeeding page.

**VISHAY BRAND(s):** Vishay BCcomponents

**TIME SCHEDULE:**

Last Time Buy Date: Fri Dec 30, 2022

Last Time Ship Date: Fri Jun 30, 2023

**SAMPLE AVAILABILITY:** N/A

**PRODUCT IDENTIFICATION:** Series name, capacitance and voltage values are printed on the products, part numbers are shown on packaging labels.

**QUALIFICATION DATA:** N/A

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before Wed Aug 31, 2022 or as specified by contract.**

**ISSUED BY:** Gerald Tatschl, Gerald.Tatschl@vishay.com

**For further information, please contact your regional Vishay office.**

**CONTACT INFORMATION:**

**Americas**

Walter Bonomo  
Vishay Americas  
One Greenwich Place  
Shelton United States 06484  
Walter.Bonomo@Vishay.com  
Phone: +1 704 924 5188  
Fax: +43 463 3834 301

**Europe**

Gerald Tatschl  
Vishay BCcomponents Austria GmbH  
Ebentaler Straße 140  
Klagenfurt Austria 9020  
Gerald.Tatschl@Vishay.com  
Phone: +43 463 3834 314  
Fax: +43 463 3834 301

**Asia**

Boon Hooi Tan  
Vishay Intertechnology Asia Pte. Ltd.  
37A Tampines Street 92 #07-01  
Singapore Singapore 528886  
BoonHooi.Tan@Vishay.com  
Phone: +65 6780 7759  
Fax: +43 463 3834 301

Vishay Intertechnology, Inc.

Corporate Headquarters 63 Lincoln Highway, Malvern, PA 19355-2143 U.S.A. Phone (610) 644-1300 Fax (610) 296-0657 [www.vishay.com](http://www.vishay.com)

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# Product Termination Notification

Product Group: AC/Tue Jun 14, 2022/PTN-AC-00503-2022-REV-0

MAL203830101E3	MAL203830102E3	MAL203830221E3	MAL203830222E3	MAL203830331E3
MAL203830471E3	MAL203830479E3	MAL203831101E3	MAL203831102E3	MAL203831221E3
MAL203831222E3	MAL203831229E3	MAL203831331E3	MAL203831339E3	MAL203831471E3
MAL203831479E3	MAL203833102E3	MAL203833103E3	MAL203833221E3	MAL203833222E3
MAL203833331E3	MAL203833332E3	MAL203833471E3	MAL203833472E3	MAL203833682E3
MAL203834101E3	MAL203834102E3	MAL203834221E3	MAL203834222E3	MAL203834331E3
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MAL203838471E3	MAL203838478E3	MAL203838479E3	MAL203839101E3	MAL203839109E3
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MAL203890024E3	MAL203890025E3	MAL203890026E3	MAL203890027E3	MAL203890028E3
MAL203890532E3	MAL203897003E3			

Vishay Intertechnology, Inc.

Corporate Headquarters 63 Lincoln Highway, Malvern, PA 19355-2143 U.S.A. Phone (610) 644-1300 Fax (610) 296-0657 [www.vishay.com](http://www.vishay.com)

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**Replacement Table**  
**PTN-AC-00503-2022-REV-0**

Part Number	Description		Part Number Crossing*	Description Crossing	Remarks
MAL203830101E3	100µF 35V 6,3x11mm 85°C 2500h	→	MAL214230101E3	100µF 35V 6,3x11mm 105°C 2500h	
MAL203830102E3	1000µF 35V 13x20mm 85°C 3500h	→	MAL214230102E3	1000µF 35V 12,5x20mm 105°C 2500h	
MAL203830221E3	220µF 35V 8x11,5mm 85°C 2500h	→	MAL214230221E3	220µF 35V 8x12mm 105°C 2500h	
MAL203830222E3	2200µF 35V 16x25mm 85°C 3500h	→	MAL214230222E3	2200µF 35V 16x25mm 105°C 2500h	
MAL203830331E3	330µF 35V 10x12mm 85°C 3500h	→	MAL214230331E3	330µF 35V 10x12mm 105°C 2500h	
MAL203830471E3	470µF 35V 10x16mm 85°C 3500h	→	MAL214230471E3	470µF 35V 10x16mm 105°C 2500h	
MAL203830479E3	47µF 35V 5x11mm 85°C 2500h	→	MAL214230479E3	47µF 35V 5x11mm 105°C 2500h	
MAL203831101E3	100µF 50V 8x11,5mm 85°C 2500h	→	MAL214231101E3	100µF 50V 8x12mm 105°C 2500h	
MAL203831102E3	1000µF 50V 13x25mm 85°C 3500h	→	MAL214231102E3	1000µF 50V 12,5x25mm 105°C 2500h	
MAL203831221E3	220µF 50V 10x12mm 85°C 3500h	→	MAL214231221E3	220µF 50V 10x12mm 105°C 2500h	
MAL203831222E3	2200µF 50V 16x31mm 85°C 3500h	→	No Replacement		
MAL203831229E3	22µF 50V 5x11mm 85°C 2500h	→	MAL214231229E3	22µF 50V 5x11mm 105°C 2500h	
MAL203831331E3	330µF 50V 10x16mm 85°C 3500h	→	MAL214231331E3	330µF 50V 10x16mm 105°C 2500h	
MAL203831339E3	33µF 50V 5x11mm 85°C 2500h	→	MAL214231339E3	33µF 50V 5x11mm 105°C 2500h	
MAL203831471E3	470µF 50V 10x20mm 85°C 3500h	→	MAL214291473E3	470µF 50V 10x20mm 105°C 2500h	
MAL203831479E3	47µF 50V 6,3x11mm 85°C 2500h	→	MAL214231479E3	47µF 50V 6,3x11mm 105°C 2500h	
MAL203833102E3	1000µF 6,3V 8x11,5mm 85°C 2500h	→	No Replacement		
MAL203833103E3	10000µF 6,3V 16x25mm 85°C 3500h	→	MAL214234103E3	10000µF 10V 16x31mm 105°C 2500h	larger can size
MAL203833221E3	220µF 6,3V 5x11mm 85°C 2500h	→	No Replacement		
MAL203833222E3	2200µF 6,3V 10x16mm 85°C 3500h	→	MAL214234222E3	2200µF 10V 10x20mm 105°C 2500h	larger can size
MAL203833331E3	330µF 6,3V 6,3x11mm 85°C 2500h	→	MAL214234331E3	330µF 10V 6,3x11mm 105°C 2500h	
MAL203833332E3	3300µF 6,3V 10x20mm 85°C 3500h	→	No Replacement		
MAL203833471E3	470µF 6,3V 6,3x11mm 85°C 2500h	→	No Replacement		
MAL203833472E3	4700µF 6,3V 13x20mm 85°C 3500h	→	MAL214234472E3	4700µF 10V 12,5x25mm 105°C 2500h	larger can size
MAL203833682E3	6800µF 6,3V 13x25mm 85°C 3500h	→	No Replacement		
MAL203834101E3	100µF 10V 5x11mm 85°C 2500h	→	MAL214235101E3	100µF 16V 5x11mm 105°C 2500h	
MAL203834102E3	1000µF 10V 10x12mm 85°C 3500h	→	MAL214234102E3	1000µF 10V 10x12mm 105°C 2500h	
MAL203834221E3	220µF 10V 5x11mm 85°C 2500h	→	MAL214234221E3	220µF 10V 5x11mm 105°C 2500h	
MAL203834222E3	2200µF 10V 10x20mm 85°C 3500h	→	MAL214234222E3	2200µF 10V 10x20mm 105°C 2500h	
MAL203834331E3	330µF 10V 6,3x11mm 85°C 2500h	→	MAL214234331E3	330µF 10V 6,3x11mm 105°C 2500h	
MAL203834332E3	3300µF 10V 13x20mm 85°C 3500h	→	MAL214235332E3	3300µF 16V 12,5x25mm 105°C 2500h	larger can size
MAL203834471E3	470µF 10V 6,3x11mm 85°C 2500h	→	MAL214294473E3	470µF 10V 6,3x11mm 105°C 2500h	
MAL203834472E3	4700µF 10V 13x25mm 85°C 3500h	→	MAL214234472E3	4700µF 10V 12,5x25mm 105°C 2500h	
MAL203834682E3	6800µF 10V 16x25mm 85°C 3500h	→	MAL214234682E3	6800µF 10V 16x25mm 105°C 2500h	
MAL203835101E3	100µF 16V 5x11mm 85°C 2500h	→	MAL214235101E3	100µF 16V 5x11mm 105°C 2500h	
MAL203835102E3	1000µF 16V 10x16mm 85°C 3500h	→	MAL214235102E3	1000µF 16V 10x16mm 105°C 2500h	
MAL203835221E3	220µF 16V 6,3x11mm 85°C 2500h	→	MAL214235221E3	220µF 16V 6,3x11mm 105°C 2500h	
MAL203835222E3	2200µF 16V 13x20mm 85°C 3500h	→	MAL214235222E3	2200µF 16V 12,5x20mm 105°C 2500h	
MAL203835331E3	330µF 16V 8x11,5mm 85°C 2500h	→	MAL214235331E3	330µF 16V 8x12mm 105°C 2500h	
MAL203835332E3	3300µF 16V 13x25mm 85°C 3500h	→	MAL214235332E3	3300µF 16V 12,5x25mm 105°C 2500h	
MAL203835471E3	470µF 16V 8x11,5mm 85°C 2500h	→	MAL214295473E3	470µF 16V 8x12mm 105°C 2500h	
MAL203835472E3	4700µF 16V 16x25mm 85°C 3500h	→	MAL214235472E3	4700µF 16V 16x25mm 105°C 2500h	
MAL203835682E3	6800µF 16V 16x31mm 85°C 3500h	→	MAL214235682E3	6800µF 16V 16x31mm 105°C 2500h	
MAL203836101E3	100µF 25V 6,3x11mm 85°C 2500h	→	MAL214236101E3	100µF 25V 6,3x11mm 105°C 2500h	
MAL203836102E3	1000µF 25V 10x20mm 85°C 3500h	→	MAL214236102E3	1000µF 25V 10x20mm 105°C 2500h	
MAL203836221E3	220µF 25V 8x11,5mm 85°C 2500h	→	MAL214236221E3	220µF 25V 8x12mm 105°C 2500h	
MAL203836222E3	2200µF 25V 13x25mm 85°C 3500h	→	MAL214236222E3	2200µF 25V 12,5x25mm 105°C 2500h	
MAL203836331E3	330µF 25V 8x11,5mm 85°C 2500h	→	MAL214236331E3	330µF 25V 8x12mm 105°C 2500h	
MAL203836332E3	3300µF 25V 16x25mm 85°C 3500h	→	MAL214236332E3	3300µF 25V 16x25mm 105°C 2500h	
MAL203836471E3	470µF 25V 10x12mm 85°C 3500h	→	MAL214236471E3	470µF 25V 10x12mm 105°C 2500h	
MAL203836472E3	4700µF 25V 16x31mm 85°C 3500h	→	MAL214236472E3	4700µF 25V 16x31mm 105°C 2500h	
MAL203838101E3	100µF 63V 10x12mm 85°C 3500h	→	MAL214238101E3	100µF 63V 10x12mm 105°C 2500h	



Replacement Table  
PTN-AC-00503-2022-REV-0

MAL203838102E3	1000µF 63V 16x25mm 85°C 3500h	→	MAL214238102E3	1000µF 63V 16x25mm 105°C 2500h	
MAL203838109E3	10µF 63V 5x11mm 85°C 2500h	→	MAL214238109E3	10µF 63V 5x11mm 105°C 2500h	
MAL203838221E3	220µF 63V 10x16mm 85°C 3500h	→	MAL214238221E3	220µF 63V 10x16mm 105°C 2500h	
MAL203838228E3	2,2µF 63V 5x11mm 85°C 2500h	→	MAL214239228E3	2,2µF 100V 5x11mm 105°C 2500h	
MAL203838229E3	22µF 63V 5x11mm 85°C 2500h	→	MAL214298223E3	22µF 63V 5x11mm 105°C 2500h	
MAL203838331E3	330µF 63V 10x20mm 85°C 3500h	→	MAL214238331E3	330µF 63V 10x20mm 105°C 2500h	
MAL203838338E3	3,3µF 63V 5x11mm 85°C 2500h	→	MAL214238338E3	3,3µF 63V 5x11mm 105°C 2500h	
MAL203838339E3	33µF 63V 6,3x11mm 85°C 2500h	→	MAL214238339E3	33µF 63V 6,3x11mm 105°C 2500h	
MAL203838471E3	470µF 63V 13x20mm 85°C 3500h	→	MAL214238471E3	470µF 63V 12,5x20mm 105°C 2500h	
MAL203838478E3	4,7µF 63V 5x11mm 85°C 2500h	→	MAL214238478E3	4,7µF 63V 5x11mm 105°C 2500h	
MAL203838479E3	47µF 63V 6,3x11mm 85°C 2500h	→	MAL214298477E3	47µF 63V 6,3x11mm 105°C 2500h	
MAL203839101E3	100µF 100V 10x20mm 85°C 3500h	→	MAL214239101E3	100µF 100V 10x20mm 105°C 2500h	
MAL203839109E3	10µF 100V 6,3x11mm 85°C 2500h	→	MAL214299103E3	10µF 100V 6,3x11mm 105°C 2500h	
MAL203839221E3	220µF 100V 13x25mm 85°C 3500h	→	MAL214239221E3	220µF 100V 12,5x25mm 105°C 2500h	
MAL203839228E3	2,2µF 100V 5x11mm 85°C 2500h	→	MAL214239228E3	2,2µF 100V 5x11mm 105°C 2500h	
MAL203839229E3	22µF 100V 6,3x11mm 85°C 2500h	→	MAL214299223E3	22µF 100V 6,3x11mm 105°C 2500h	
MAL203839331E3	330µF 100V 13x25mm 85°C 3500h	→	MAL214299313E3	330µF 100V 13x25mm 105°C 2500h	
MAL203839338E3	3,3µF 100V 5x11mm 85°C 2500h	→	No Replacement		
MAL203839339E3	33µF 100V 8x11,5mm 85°C 2500h	→	MAL214299393E3	33µF 100V 8x12mm 105°C 2500h	
MAL203839471E3	470µF 100V 16x25mm 85°C 3500h	→	MAL214239471E3	470µF 100V 16x31mm 105°C 2500h	larger can size
MAL203839478E3	4,7µF 100V 5x11mm 85°C 2500h	→	MAL214299473E3	4,7µF 100V 5x11mm 105°C 2500h	
MAL203839479E3	47µF 100V 10x12mm 85°C 3500h	→	MAL214239479E3	47µF 100V 10x16mm 105°C 2500h	larger can size
MAL203839479E3	47µF 100V 10x12mm 85°C 3500h	→	MAL214239479E3	47µF 100V 10x16mm 105°C 2500h	larger can size
MAL203850101E3	100µF 35V 6,3x11mm 85°C 2500h	→	MAL214250101E3	100µF 35V 6,3x11mm 105°C 2500h	
MAL203850102E3	1000µF 35V 13x25mm 85°C 3500h	→	MAL214250102E3	1000µF 35V 12,5x25mm 105°C 2500h	
MAL203850221E3	220µF 35V 8x11,5mm 85°C 2500h	→	MAL214250221E3	220µF 35V 8x12mm 105°C 2500h	
MAL203850222E3	2200µF 35V 16x25mm 85°C 3500h	→	MAL214250222E3	2200µF 35V 16x25mm 105°C 2500h	
MAL203850331E3	330µF 35V 10x12mm 85°C 3500h	→	MAL214250331E3	330µF 35V 10x12mm 105°C 2500h	
MAL203850332E3	3300µF 35V 16x35mm 85°C 3500h	→	MAL214250332E3	3300µF 35V 16x31mm 105°C 2500h	
MAL203850471E3	470µF 35V 10x16mm 85°C 3500h	→	MAL214250471E3	470µF 35V 10x16mm 105°C 2500h	
MAL203850472E3	4700µF 35V 18x35mm 85°C 3500h	→	MAL214250472E3	4700µF 35V 18x35mm 105°C 2500h	
MAL203850479E3	47µF 35V 5x11mm 85°C 2500h	→	MAL214250479E3	47µF 35V 5x11mm 105°C 2500h	
MAL203851101E3	100µF 50V 8x11,5mm 85°C 2500h	→	MAL214251101E3	100µF 50V 8x12mm 105°C 2500h	
MAL203851102E3	1000µF 50V 13x25mm 85°C 3500h	→	MAL214251102E3	1000µF 50V 12,5x25mm 105°C 2500h	
MAL203851221E3	220µF 50V 10x12mm 85°C 3500h	→	MAL214251221E3	220µF 50V 10x12mm 105°C 2500h	
MAL203851222E3	2200µF 50V 16x31mm 85°C 3500h	→	MAL214251222E3	2200µF 50V 16x35mm 105°C 2500h	larger can size
MAL203851229E3	22µF 50V 5x11mm 85°C 2500h	→	MAL214251229E3	22µF 50V 5x11mm 105°C 2500h	
MAL203851331E3	330µF 50V 10x16mm 85°C 3500h	→	MAL214251331E3	330µF 50V 10x16mm 105°C 2500h	
MAL203851332E3	3300µF 50V 18x35mm 85°C 3500h	→	MAL214251332E3	3300µF 50V 18x35mm 105°C 2500h	
MAL203851339E3	33µF 50V 5x11mm 85°C 2500h	→	MAL214251339E3	33µF 50V 5x11mm 105°C 2500h	
MAL203851471E3	470µF 50V 10x20mm 85°C 3500h	→	MAL214291475E3	470µF 50V 10x20mm 105°C 2500h	
MAL203851479E3	47µF 50V 6,3x11mm 85°C 2500h	→	MAL214251479E3	47µF 50V 6,3x11mm 105°C 2500h	
MAL203853102E3	1000µF 6,3V 8x11,5mm 85°C 2500h	→	No Replacement		
MAL203853103E3	10000µF 6,3V 16x25mm 85°C 3500h	→	MAL214254103E3	10000µF 10V 16x31mm 105°C 2500h	larger can size
MAL203853221E3	220µF 6,3V 5x11mm 85°C 2500h	→	No Replacement		
MAL203853222E3	2200µF 6,3V 10x16mm 85°C 3500h	→	MAL214254222E3	2200µF 10V 10x20mm 105°C 2500h	larger can size
MAL203853223E3	22000µF 6,3V 18x40mm 85°C 3500h	→	MAL214254223E3	22000µF 10V 18x40mm 105°C 2500h	
MAL203853331E3	330µF 6,3V 6,3x11mm 85°C 2500h	→	MAL214254331E3	330µF 10V 6,3x11mm 105°C 2500h	
MAL203853332E3	3300µF 6,3V 10x20mm 85°C 3500h	→	No Replacement		
MAL203853471E3	470µF 6,3V 6,3x11mm 85°C 2500h	→	No Replacement		
MAL203853472E3	4700µF 6,3V 13x20mm 85°C 3500h	→	MAL214254472E3	4700µF 10V 12,5x25mm 105°C 2500h	larger can size
MAL203853682E3	6800µF 6,3V 13x25mm 85°C 3500h	→	No Replacement		
MAL203854101E3	100µF 10V 5x11mm 85°C 2500h	→	MAL214255101E3	100µF 16V 5x11mm 105°C 2500h	
MAL203854102E3	1000µF 10V 10x12mm 85°C 3500h	→	MAL214254102E3	1000µF 10V 10x12mm 105°C 2500h	



Replacement Table  
PTN-AC-00503-2022-REV-0

MAL203854103E3	10000µF 10V 16x35mm 85°C 3500h	→	MAL214254103E3	10000µF 10V 16x31mm 105°C 2500h	
MAL203854221E3	220µF 10V 5x11mm 85°C 2500h	→	MAL214254221E3	220µF 10V 5x11mm 105°C 2500h	
MAL203854222E3	2200µF 10V 10x20mm 85°C 3500h	→	MAL214254222E3	2200µF 10V 10x20mm 105°C 2500h	
MAL203854331E3	330µF 10V 6,3x11mm 85°C 2500h	→	MAL214254331E3	330µF 10V 6,3x11mm 105°C 2500h	
MAL203854332E3	3300µF 10V 13x20mm 85°C 3500h	→	MAL214255332E3	3300µF 16V 12,5x25mm 105°C 2500h	larger can size
MAL203854471E3	470µF 10V 6,3x11mm 85°C 2500h	→	MAL214294475E3	470µF 10V 6,3x11mm 105°C 2500h	
MAL203854472E3	4700µF 10V 13x25mm 85°C 3500h	→	MAL214254472E3	4700µF 10V 12,5x25mm 105°C 2500h	
MAL203854682E3	6800µF 10V 16x25mm 85°C 3500h	→	MAL214254682E3	6800µF 10V 16x25mm 105°C 2500h	
MAL203855101E3	100µF 16V 5x11mm 85°C 2500h	→	MAL214255101E3	100µF 16V 5x11mm 105°C 2500h	
MAL203855102E3	1000µF 16V 10x16mm 85°C 3500h	→	MAL214255102E3	1000µF 16V 10x16mm 105°C 2500h	
MAL203855103E3	10000µF 16V 18x35mm 85°C 3500h	→	MAL214255103E3	10000µF 16V 18x31mm 105°C 2500h	
MAL203855221E3	220µF 16V 6,3x11mm 85°C 2500h	→	MAL214255221E3	220µF 16V 6,3x11mm 105°C 2500h	
MAL203855222E3	2200µF 16V 13x20mm 85°C 3500h	→	MAL214255222E3	2200µF 16V 12,5x20mm 105°C 2500h	
MAL203855331E3	330µF 16V 8x11,5mm 85°C 2500h	→	MAL214255331E3	330µF 16V 8x12mm 105°C 2500h	
MAL203855332E3	3300µF 16V 13x25mm 85°C 3500h	→	MAL214255332E3	3300µF 16V 12,5x25mm 105°C 2500h	
MAL203855471E3	470µF 16V 8x11,5mm 85°C 2500h	→	MAL214295475E3	470µF 16V 8x12mm 105°C 2500h	
MAL203855472E3	4700µF 16V 16x25mm 85°C 3500h	→	MAL214255472E3	4700µF 16V 16x25mm 105°C 2500h	
MAL203855682E3	6800µF 16V 16x31mm 85°C 3500h	→	MAL214255682E3	6800µF 16V 16x31mm 105°C 2500h	
MAL203856101E3	100µF 25V 6,3x11mm 85°C 2500h	→	MAL214256101E3	100µF 25V 6,3x11mm 105°C 2500h	
MAL203856102E3	1000µF 25V 10x20mm 85°C 3500h	→	MAL214256102E3	1000µF 25V 10x20mm 105°C 2500h	
MAL203856221E3	220µF 25V 8x11,5mm 85°C 2500h	→	MAL214256221E3	220µF 25V 8x12mm 105°C 2500h	
MAL203856222E3	2200µF 25V 13x25mm 85°C 3500h	→	MAL214256222E3	2200µF 25V 12,5x25mm 105°C 2500h	
MAL203856331E3	330µF 25V 8x11,5mm 85°C 2500h	→	MAL214256331E3	330µF 25V 8x12mm 105°C 2500h	
MAL203856332E3	3300µF 25V 16x25mm 85°C 3500h	→	MAL214256332E3	3300µF 25V 16x25mm 105°C 2500h	
MAL203856471E3	470µF 25V 10x12mm 85°C 3500h	→	MAL214256471E3	470µF 25V 10x12mm 105°C 2500h	
MAL203856472E3	4700µF 25V 16x31mm 85°C 3500h	→	MAL214256472E3	4700µF 25V 16x31mm 105°C 2500h	
MAL203856682E3	6800µF 25V 18x35mm 85°C 3500h	→	MAL214256682E3	6800µF 25V 18x35mm 105°C 2500h	
MAL203858101E3	100µF 63V 10x12mm 85°C 3500h	→	MAL214258101E3	100µF 63V 10x12mm 105°C 2500h	
MAL203858102E3	1000µF 63V 16x25mm 85°C 3500h	→	MAL214258102E3	1000µF 63V 16x25mm 105°C 2500h	
MAL203858109E3	10µF 63V 5x11mm 85°C 2500h	→	MAL214258109E3	10µF 63V 5x11mm 105°C 2500h	
MAL203858221E3	220µF 63V 10x16mm 85°C 3500h	→	MAL214258221E3	220µF 63V 10x16mm 105°C 2500h	
MAL203858222E3	2200µF 63V 18x35mm 85°C 3500h	→	MAL214258222E3	2200µF 63V 18x40mm 105°C 2500h	larger can size
MAL203858228E3	2,2µF 63V 5x11mm 85°C 2500h	→	MAL214259228E3	2,2µF 100V 5x11mm 105°C 2500h	
MAL203858229E3	22µF 63V 5x11mm 85°C 2500h	→	MAL214298225E3	22µF 63V 5x11mm 105°C 2500h	
MAL203858331E3	330µF 63V 10x20mm 85°C 3500h	→	MAL214258331E3	330µF 63V 10x20mm 105°C 2500h	
MAL203858338E3	3,3µF 63V 5x11mm 85°C 2500h	→	MAL214258338E3	3,3µF 63V 5x11mm 105°C 2500h	
MAL203858339E3	33µF 63V 6,3x11mm 85°C 2500h	→	MAL214258339E3	33µF 63V 6,3x11mm 105°C 2500h	
MAL203858471E3	470µF 63V 13x20mm 85°C 3500h	→	MAL214258471E3	470µF 63V 12,5x20mm 105°C 2500h	
MAL203858478E3	4,7µF 63V 5x11mm 85°C 2500h	→	MAL214258478E3	4,7µF 63V 5x11mm 105°C 2500h	
MAL203858479E3	47µF 63V 6,3x11mm 85°C 2500h	→	MAL214298475E3	47µF 63V 6,3x11mm 105°C 2500h	
MAL203859101E3	100µF 100V 10x20mm 85°C 3500h	→	MAL214259101E3	100µF 100V 10x20mm 105°C 2500h	
MAL203859102E3	1000µF 100V 18x40mm 85°C 3500h	→	MAL214259102E3	1000µF 100V 18x40mm 105°C 2500h	
MAL203859109E3	10µF 100V 6,3x11mm 85°C 2500h	→	MAL214299105E3	10µF 100V 6,3x11mm 105°C 2500h	
MAL203859221E3	220µF 100V 13x25mm 85°C 3500h	→	MAL214259221E3	220µF 100V 12,5x25mm 105°C 2500h	
MAL203859228E3	2,2µF 100V 5x11mm 85°C 2500h	→	MAL214259228E3	2,2µF 100V 5x11mm 105°C 2500h	
MAL203859229E3	22µF 100V 6,3x11mm 85°C 2500h	→	MAL214299225E3	22µF 100V 6,3x11mm 105°C 2500h	
MAL203859331E3	330µF 100V 13x25mm 85°C 3500h	→	MAL214299315E3	330µF 100V 13x25mm 105°C 2500h	
MAL203859338E3	3,3µF 100V 5x11mm 85°C 2500h	→	No Replacement		
MAL203859339E3	33µF 100V 8x11,5mm 85°C 2500h	→	MAL214299395E3	33µF 100V 8x12mm 105°C 2500h	
MAL203859471E3	470µF 100V 16x25mm 85°C 3500h	→	MAL214259471E3	470µF 100V 16x31mm 105°C 2500h	larger can size
MAL203859478E3	4,7µF 100V 5x11mm 85°C 2500h	→	MAL214299475E3	4,7µF 100V 5x11mm 105°C 2500h	
MAL203859479E3	47µF 100V 10x12mm 85°C 3500h	→	MAL214259479E3	47µF 100V 10x16mm 105°C 2500h	larger can size
MAL203859479E3	47µF 100V 10x12mm 85°C 3500h	→	MAL214259479E3	47µF 100V 10x16mm 105°C 2500h	larger can size
MAL203860102E3	1000µF 35V 13x20mm 85°C 3500h	→	MAL214260102E3	1000µF 35V 12,5x20mm 105°C 2500h	



Replacement Table  
PTN-AC-00503-2022-REV-0

MAL203860222E3	2200µF 35V 16x25mm 85°C 3500h	→	MAL214260222E3	2200µF 35V 16x25mm 105°C 2500h	
MAL203860331E3	330µF 35V 10x12mm 85°C 3500h	→	MAL214260331E3	330µF 35V 10x12mm 105°C 2500h	
MAL203860332E3	3300µF 35V 16x35mm 85°C 3500h	→	MAL214260332E3	3300µF 35V 16x31mm 105°C 2500h	
MAL203860471E3	470µF 35V 10x16mm 85°C 3500h	→	MAL214260471E3	470µF 35V 10x16mm 105°C 2500h	
MAL203860472E3	4700µF 35V 18x35mm 85°C 3500h	→	MAL214260472E3	4700µF 35V 18x35mm 105°C 2500h	
MAL203861102E3	1000µF 50V 13x25mm 85°C 3500h	→	MAL214261102E3	1000µF 50V 12,5x25mm 105°C 2500h	
MAL203861221E3	220µF 50V 10x12mm 85°C 3500h	→	MAL214261221E3	220µF 50V 10x12mm 105°C 2500h	
MAL203861222E3	2200µF 50V 16x31mm 85°C 3500h	→	MAL214261222E3	2200µF 50V 16x35mm 105°C 2500h	larger can size
MAL203861331E3	330µF 50V 10x16mm 85°C 3500h	→	MAL214261331E3	330µF 50V 10x16mm 105°C 2500h	
MAL203861332E3	3300µF 50V 18x35mm 85°C 3500h	→	MAL214261332E3	3300µF 50V 18x35mm 105°C 2500h	
MAL203861471E3	470µF 50V 10x20mm 85°C 3500h	→	MAL214291476E3	470µF 50V 10x20mm 105°C 2500h	
MAL203863103E3	10000µF 6,3V 16x25mm 85°C 3500h	→	MAL214264103E3	10000µF 10V 16x31mm 105°C 2500h	larger can size
MAL203863222E3	2200µF 6,3V 10x16mm 85°C 3500h	→	MAL214264222E3	2200µF 10V 10x20mm 105°C 2500h	larger can size
MAL203863223E3	22000µF 6,3V 18x40mm 85°C 3500h	→	MAL214264223E3	22000µF 10V 18x40mm 105°C 2500h	
MAL203863332E3	3300µF 6,3V 10x20mm 85°C 3500h	→	No Replacement		
MAL203863472E3	4700µF 6,3V 13x20mm 85°C 3500h	→	MAL214264472E3	4700µF 10V 12,5x25mm 105°C 2500h	larger can size
MAL203863682E3	6800µF 6,3V 13x25mm 85°C 3500h	→	No Replacement		
MAL203864102E3	1000µF 10V 10x12mm 85°C 3500h	→	MAL214264102E3	1000µF 10V 10x12mm 105°C 2500h	
MAL203864103E3	10000µF 10V 16x35mm 85°C 3500h	→	MAL214264103E3	10000µF 10V 16x31mm 105°C 2500h	
MAL203864222E3	2200µF 10V 10x20mm 85°C 3500h	→	MAL214264222E3	2200µF 10V 10x20mm 105°C 2500h	
MAL203864332E3	3300µF 10V 13x20mm 85°C 3500h	→	MAL214265332E3	3300µF 16V 12,5x25mm 105°C 2500h	larger can size
MAL203864472E3	4700µF 10V 13x25mm 85°C 3500h	→	MAL214264472E3	4700µF 10V 12,5x25mm 105°C 2500h	
MAL203864682E3	6800µF 10V 16x25mm 85°C 3500h	→	MAL214264682E3	6800µF 10V 16x25mm 105°C 2500h	
MAL203865102E3	1000µF 16V 10x16mm 85°C 3500h	→	MAL214265102E3	1000µF 16V 10x16mm 105°C 2500h	
MAL203865103E3	10000µF 16V 18x35mm 85°C 3500h	→	MAL214265103E3	10000µF 16V 18x31mm 105°C 2500h	
MAL203865222E3	2200µF 16V 13x20mm 85°C 3500h	→	MAL214265222E3	2200µF 16V 12,5x20mm 105°C 2500h	
MAL203865332E3	3300µF 16V 13x25mm 85°C 3500h	→	MAL214265332E3	3300µF 16V 12,5x25mm 105°C 2500h	
MAL203865472E3	4700µF 16V 16x25mm 85°C 3500h	→	MAL214265472E3	4700µF 16V 16x25mm 105°C 2500h	
MAL203865682E3	6800µF 16V 16x31mm 85°C 3500h	→	MAL214265682E3	6800µF 16V 16x31mm 105°C 2500h	
MAL203866102E3	1000µF 25V 10x20mm 85°C 3500h	→	MAL214266102E3	1000µF 25V 10x20mm 105°C 2500h	
MAL203866222E3	2200µF 25V 13x25mm 85°C 3500h	→	MAL214266222E3	2200µF 25V 12,5x25mm 105°C 2500h	
MAL203866332E3	3300µF 25V 16x25mm 85°C 3500h	→	MAL214266332E3	3300µF 25V 16x25mm 105°C 2500h	
MAL203866471E3	470µF 25V 10x12mm 85°C 3500h	→	MAL214266471E3	470µF 25V 10x12mm 105°C 2500h	
MAL203866472E3	4700µF 25V 16x31mm 85°C 3500h	→	MAL214266472E3	4700µF 25V 16x31mm 105°C 2500h	
MAL203866682E3	6800µF 25V 18x35mm 85°C 3500h	→	MAL214266682E3	6800µF 25V 18x35mm 105°C 2500h	
MAL203868101E3	100µF 63V 10x12mm 85°C 3500h	→	MAL214268101E3	100µF 63V 10x12mm 105°C 2500h	
MAL203868102E3	1000µF 63V 16x25mm 85°C 3500h	→	MAL214268102E3	1000µF 63V 16x25mm 105°C 2500h	
MAL203868221E3	220µF 63V 10x16mm 85°C 3500h	→	MAL214268221E3	220µF 63V 10x16mm 105°C 2500h	
MAL203868222E3	2200µF 63V 18x35mm 85°C 3500h	→	MAL214268222E3	2200µF 63V 18x40mm 105°C 2500h	larger can size
MAL203868331E3	330µF 63V 10x20mm 85°C 3500h	→	MAL214268331E3	330µF 63V 10x20mm 105°C 2500h	
MAL203868471E3	470µF 63V 13x20mm 85°C 3500h	→	MAL214268471E3	470µF 63V 12,5x20mm 105°C 2500h	
MAL203869101E3	100µF 100V 10x20mm 85°C 3500h	→	MAL214269101E3	100µF 100V 10x20mm 105°C 2500h	
MAL203869102E3	1000µF 100V 18x40mm 85°C 3500h	→	MAL214269102E3	1000µF 100V 18x40mm 105°C 2500h	
MAL203869221E3	220µF 100V 13x25mm 85°C 3500h	→	MAL214269221E3	220µF 100V 12,5x25mm 105°C 2500h	
MAL203869331E3	330µF 100V 13x25mm 85°C 3500h	→	MAL214299316E3	330µF 100V 13x25mm 105°C 2500h	
MAL203869471E3	470µF 100V 16x25mm 85°C 3500h	→	MAL214269471E3	470µF 100V 16x31mm 105°C 2500h	larger can size
MAL203869479E3	47µF 100V 10x12mm 85°C 3500h	→	MAL214269479E3	47µF 100V 10x16mm 105°C 2500h	larger can size
MAL203869479E3	47µF 100V 10x12mm 85°C 3500h	→	MAL214269479E3	47µF 100V 10x16mm 105°C 2500h	larger can size
MAL203870101E3	100µF 35V 6,3x11mm 85°C 2500h	→	MAL214270101E3	100µF 35V 6,3x11mm 105°C 2500h	
MAL203870221E3	220µF 35V 8x11,5mm 85°C 2500h	→	MAL214270221E3	220µF 35V 8x12mm 105°C 2500h	
MAL203870479E3	47µF 35V 5x11mm 85°C 2500h	→	MAL214270479E3	47µF 35V 5x11mm 105°C 2500h	
MAL203871101E3	100µF 50V 8x11,5mm 85°C 2500h	→	MAL214271101E3	100µF 50V 8x12mm 105°C 2500h	
MAL203871229E3	22µF 50V 5x11mm 85°C 2500h	→	MAL214271229E3	22µF 50V 5x11mm 105°C 2500h	
MAL203871339E3	33µF 50V 5x11mm 85°C 2500h	→	MAL214271339E3	33µF 50V 5x11mm 105°C 2500h	



Replacement Table  
PTN-AC-00503-2022-REV-0

MAL203871479E3	47µF 50V 6,3x11mm 85°C 2500h	→	MAL214271479E3	47µF 50V 6,3x11mm 105°C 2500h	
MAL203873102E3	1000µF 6,3V 8x11,5mm 85°C 2500h	→	No Replacement		
MAL203873221E3	220µF 6,3V 5x11mm 85°C 2500h	→	No Replacement		
MAL203873331E3	330µF 6,3V 6,3x11mm 85°C 2500h	→	MAL214274331E3	330µF 10V 6,3x11mm 105°C 2500h	
MAL203873471E3	470µF 6,3V 6,3x11mm 85°C 2500h	→	No Replacement		
MAL203874101E3	100µF 10V 5x11mm 85°C 2500h	→	MAL214275101E3	100µF 16V 5x11mm 105°C 2500h	
MAL203874221E3	220µF 10V 5x11mm 85°C 2500h	→	MAL214274221E3	220µF 10V 5x11mm 105°C 2500h	
MAL203874331E3	330µF 10V 6,3x11mm 85°C 2500h	→	MAL214274331E3	330µF 10V 6,3x11mm 105°C 2500h	
MAL203874471E3	470µF 10V 6,3x11mm 85°C 2500h	→	MAL214294477E3	470µF 10V 6,3x11mm 105°C 2500h	
MAL203875101E3	100µF 16V 5x11mm 85°C 2500h	→	MAL214275101E3	100µF 16V 5x11mm 105°C 2500h	
MAL203875221E3	220µF 16V 6,3x11mm 85°C 2500h	→	MAL214275221E3	220µF 16V 6,3x11mm 105°C 2500h	
MAL203875331E3	330µF 16V 8x11,5mm 85°C 2500h	→	MAL214275331E3	330µF 16V 8x12mm 105°C 2500h	
MAL203875471E3	470µF 16V 8x11,5mm 85°C 2500h	→	MAL214295477E3	470µF 16V 8x12mm 105°C 2500h	
MAL203876101E3	100µF 25V 6,3x11mm 85°C 2500h	→	MAL214276101E3	100µF 25V 6,3x11mm 105°C 2500h	
MAL203876221E3	220µF 25V 8x11,5mm 85°C 2500h	→	MAL214276221E3	220µF 25V 8x12mm 105°C 2500h	
MAL203876331E3	330µF 25V 8x11,5mm 85°C 2500h	→	MAL214276331E3	330µF 25V 8x12mm 105°C 2500h	
MAL203878109E3	10µF 63V 5x11mm 85°C 2500h	→	MAL214278109E3	10µF 63V 5x11mm 105°C 2500h	
MAL203878228E3	2,2µF 63V 5x11mm 85°C 2500h	→	MAL214279228E3	2,2µF 100V 5x11mm 105°C 2500h	
MAL203878229E3	22µF 63V 5x11mm 85°C 2500h	→	MAL214298227E3	22µF 63V 5x11mm 105°C 2500h	
MAL203878338E3	3,3µF 63V 5x11mm 85°C 2500h	→	MAL214278338E3	3,3µF 63V 5x11mm 105°C 2500h	
MAL203878339E3	33µF 63V 6,3x11mm 85°C 2500h	→	MAL214278339E3	33µF 63V 6,3x11mm 105°C 2500h	
MAL203878478E3	4,7µF 63V 5x11mm 85°C 2500h	→	MAL214278478E3	4,7µF 63V 5x11mm 105°C 2500h	
MAL203878479E3	47µF 63V 6,3x11mm 85°C 2500h	→	MAL214298473E3	47µF 63V 6,3x11mm 105°C 2500h	
MAL203879109E3	10µF 100V 6,3x11mm 85°C 2500h	→	MAL214299107E3	10µF 100V 6,3x11mm 105°C 2500h	
MAL203879228E3	2,2µF 100V 5x11mm 85°C 2500h	→	MAL214279228E3	2,2µF 100V 5x11mm 105°C 2500h	
MAL203879229E3	22µF 100V 6,3x11mm 85°C 2500h	→	MAL214299227E3	22µF 100V 6,3x11mm 105°C 2500h	
MAL203879338E3	3,3µF 100V 5x11mm 85°C 2500h	→	No Replacement		
MAL203879339E3	33µF 100V 8x11,5mm 85°C 2500h	→	MAL214299397E3	33µF 100V 8x12mm 105°C 2500h	
MAL203879478E3	4,7µF 100V 5x11mm 85°C 2500h	→	MAL214299477E3	4,7µF 100V 5x11mm 105°C 2500h	

\* Replacement series 142 RHS. Link to datasheet: <https://www.vishay.com/doc?28402>