



# Product Termination Notification



Product Group: Tantalum Capacitor Division/Aug 16, 2016/PCN-TC-002-2016

## Discontinuation of CLR65 14µF-125V case T2 and 18µF -125V case T3 Capacitors

**DESCRIPTION OF CHANGE:** Vishay will discontinue two military style CLR65 ratings 14µF-125V case T2 and 18µF -125V case T3.

**CLASSIFICATION OF CHANGE:** Product Discontinuation

**REASON FOR CHANGE:** We continue to have ongoing performance and yield issue for two CLR65 ratings 14µF-125V case T2 and 18µF -125V case T3. Vishay has attempted multiple improvement plans without positive results over the past year. Vishay had decided to discontinue any further engineering re-design efforts on these ratings in the silver case. The M39006/09 or CLR65 style has been labeled as inactive for new design since 1982. Vishay will continue to offer the same ratings in the improved and recommended style CLR79 (MIL-PRF-39006/22) tantalum case design. For more details, refer to table 2.

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

**PRODUCT CATEGORY:** Wet Tantalum Capacitors, Military Established Reliability, MIL-PRF-39006/9, Style CLR65

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** Table 1

Rated voltage (+85 °C) volts, dc	Cap. µF	Cap. tolerance percent	Case size	PIN M39006/09-	
				Failure rate level (%/1,000 hour)	
				L (2)	M (1)
125	14	±20	T2	8198	8403
125	14	±10	T2	8199	8404
125	14	±5	T2	8200	8405
125	18	±20	T3	8201	8406
125	18	±10	T3	8202	8407
125	18	±5	T3	8203	8408

**VISHAY BRAND(s):** Vishay Israel, Ltd.

**TIME SCHEDULE:**

Last Time Buy Date: N/A

Last Time Shipment Date: N/A

**SAMPLE AVAILABILITY:** N/A

**PRODUCT IDENTIFICATION:** N/A

**QUALIFICATION DATA:** N/A

**This PTN is considered approved, without further notification.**

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)

ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT



**ISSUED BY:** Sahar Eitan, Director Process engineering, Tantalum Capacitors (Eitan.Sahar@vishay.com)

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

**CONTACT INFORMATION:**

<b>The Americas</b>	<b>Europe</b>	<b>Asia</b>
Vishay Intertechnology Inc., 15 Daigle Lane, Suite 103 Sanford, ME 04073 USA Att: Jack Culloton Phone: +1-207-490-7208 Fax: +1-207-490-7213 Email: Jack.Culloton@Vishay.com	Vishay Israel Ltd., New Industrial Park, P.O.B 87 Dimona 8610002 Israel Att: Albert Mallet Phone: +972-8-656-1112 Fax: +972-8-655-8360 Email: Albert.Mallet@Vishay.com	Vishay Intertechnology Asia Pte. Ltd. 37A Tampines Street 92, #07-00 Singapore 528886 Att: Boon Hooi Tan Phone: + 65-6780-7759 Fax: + 65-6780-7749 Email: Boonhooi.Tan@Vishay.com

**Table 2: PART NUMBERS AFFECTED**

DISCONTINUED		ACTIVE
CLR65		CLR79
FRL L	FRL M	FRL M
M39006/09-8198	M39006/09-8403	M39006/22-0210
M39006/09-8199	M39006/09-8404	M39006/22-0211
M39006/09-8200	M39006/09-8405	M39006/22-0212
M39006/09-8201	M39006/09-8406	M39006/22-0213
M39006/09-8202	M39006/09-8407	M39006/22-0214
M39006/09-8203	M39006/09-8408	M39006/22-0215

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)

ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT