



Product Change Notification



Vishay Thin Film G Termination M Series Manufacturing Site Change

DESCRIPTION OF CHANGE: Vishay Dale Thin Film is moving manufacturing of the G Termination M series thick film chip resistor from Niagara Falls New York facility to Be'er Sheva Israel facility. The Be'er Sheva facility is a MIL-PRF-55342 qualified, ISO-9001:2008 registered and TS16949:2002 registered facility that has been manufacturing thick film resistors for many years. As part of this move, some chip dimensions will change slightly. Refer to Appendix A for details of these changes.

CLASSIFICATION OF CHANGE: Manufacturing Location Change

REASON FOR CHANGE: To control manufacturing costs.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: No change in function or reliability.

PRODUCT CATEGORY: Resistors, Discrete

PART NUMBERS/SERIES/FAMILIES AFFECTED: M-0402, M-0502, M-0504, M-0505, M-0603, M-0805, M-1002, M-1005, M-1010-, M-1206, M-1505, M-2010, M-2208, and M-2512

VISHAY BRAND(s): Vishay Dale Thin Film

TIME SCHEDULE:

Start Shipment Date: February 28, 2016

Last Time Buy Date: October 25, 2015

Last Time Shipment Date: November 30, 2015

(Note: The above dates are subject to change based on order volume.)

SAMPLE AVAILABILITY: December 31, 2015

PRODUCT IDENTIFICATION: By Product Date Code

QUALIFICATION DATA: Interim data package available December 31, 2015 with 1,000 hours of load life data. Full data package with 2,000 hours of load life data available February 28, 2016.

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Niagara Falls, NY 14304

Vishay Thin Film
Process Change Notification
(Appendix A)

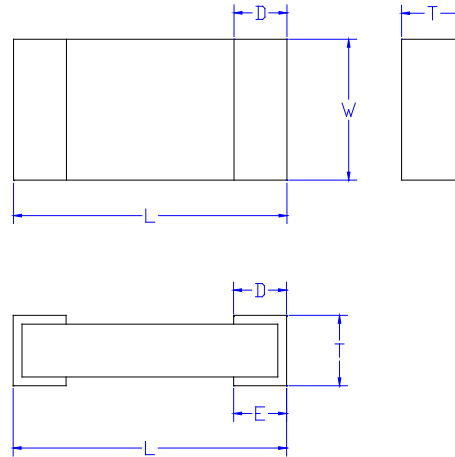
PCN Number: PCN-TF-006-2015 Rev 0

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Date: September 28, 2015

Chip Dimensional Changes: Differences in length, thickness and top and bottom termination pad dimensions are identified in the tables below.

LAYOUT AND DIMENSIONS



Current Length (L")	New Length (L")	Current Thickness (T")	New Thickness (T")
0.050 ±0.006	0.055 ±0.005	-	-
0.050 ±0.006	0.055 ±0.005	0.0120 Max	0.020 ± 0.005
0.209 ±0.009	0.197 ±0.006	-	-
0.259 ±0.009	0.250 ±0.006	-	-

Case Size	Current Top Term (D")	New Top Term (D")	Current Bottom Term (E")	New Bottom Term (E")
M-0502	-	-	0.010 ±0.005	0.015 ±0.005
M-0603	0.010 ±0.005	0.012 ±0.005	0.010 ±0.005	0.015 ±0.005
M-1005	0.015 ±0.005	0.020 ±0.005	0.015 ±0.005	0.020 ±0.005
M-1505	0.015 ±0.005	0.020 ±0.005	0.015 ±0.005	0.020 ±0.005
M-2010	0.020 ±0.005	0.015 ±0.005	0.020 ±0.005	0.015 ±0.005
M-2512	0.020 ±0.005	0.015 ±0.005	0.020 ±0.005	0.015 ±0.005

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