

EMC Components

AVR-M Series(Array Type)

Varistors Countermeasure for Surge and Static Electricity SMD

FEATURES

- This is an array type chip varistor with two integrated chips in a 1410 package.
- The product enables designers to reduce the installation and mounting space.
- The product offers excellent mounting characteristics thanks to the use of Ni/Sn plated terminals.
- The product offers excellent static electricity absorption characteristics.
- The product is suited for high frequency circuits thanks to its low electrostatic capacity.
- The product offers design flexibility because it does not have a polarity.

APPLICATIONS

To counter static electricity in cell phones, notebook PCs, digital camcorders, digital still cameras and other portable electronic devices.

PRODUCT IDENTIFICATIONS

AVR-M	14	A2	C	240	M	T	600N
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

(1) Series

(2) Element dimensions

(3) Number of element

(4) Chip type

(5) Varistor voltage

240	24×10 ⁰ (V)
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(6) Varistor voltage tolerance

M	±20%
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(7) Packaging style

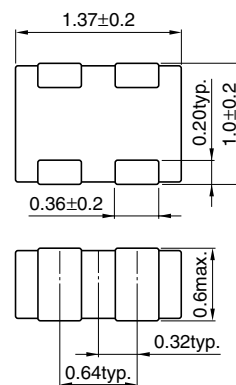
T	Taping
B	Bulk

(8) TDK internal code

TEMPERATURE RANGES

Operating	−40 to +125°C
Storage	−40 to +125°C

SHAPES AND DIMENSIONS



Weight: 4mg typ.

Dimensions in mm

ELECTRICAL CHARACTERISTICS

Part No.	Varistor voltage (Breakdown voltage) E _{1mA} (V)		Maximum continuous voltage (Rated voltage) Edc(V)	Clamping voltage(V) [8/20μs]	Energy (Joule) [10/1000μs]	Peak current (A) [8/20μs]	Capacitance (pF) [1MHz, Erms 1V]
AVR-M14A2C240M □ *600N	24	20 to 27	16 max.	50[1A]	0.01 max.	10 max.	60 typ.

* □: Packaging style(T: Taping/B: Bulk)