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EMC Components

Chip Varistors

Part Number : **AVR-M14A2C240MT600N**

Product Name : **CHIP VARISTOR**

TDK Series Name : **AVR-M Series**

Application : **CELLULER, HDD, DVC, DSC, PDA, AUTOMOBILE**

Function :

Excellent electrostatic absorption capability. Response is as good or better than Zener diode. Keeps symmetrical current-voltage characteristics even after electrostatic absorption.No polarity, due to symmetrical current-voltage characteristics. Equivalent to anode common type Zener diode.Excellent mount reliability. Good for Pb-free soldering. Adopted (Ni/Sn) electroplating.Can replace a Zener diode + Capacitor combination. Reduced footprint and total mounting cost.

Description :

A size of L1.37xW1.0xT0.6mm(2-element array type). Can replace a Zener diode + Capacitor combination.

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**AVR1410
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Property Name	Property Description
Product Lifecycle Stage	Production
Part Number Replacement	<i>No Data Available.</i>
Lead (Pb) Free	Yes
Surface Mount	Yes
Shape	Chip-Array
Size Code	1410
Body Length (L)	Nom 1.37 mm
Body Breadth (W)	Nom 1 mm
Body Height (T)	Nom 0.6 mm
Reference Current	Nom 1
Varistor Voltage	Min 20 V
	Nom 24 V
	Max 27 V
Capacitance	Typ 60
Maximum Continuous V _{DC}	Max 16 V
Maximum Peak Current	Max 5 A
Maximum Energy	Max 0.01 J
Current for Clamping Voltage	Nom 1 A
Standard Pulse Currents	8/20microS
Category Temperature Range	Min -40 Cel
	Max 85 Cel
Storage Temperature Range	Min -40 Cel
	Max 85 Cel

Country codes Origin	JPN, CHN
Sales Region	WR
Packing	Punched (Paper)Taping [180mm Reel]
Minumum Package Qty	Nom 4000 Pcs
Minimum Order Qty	Nom 4000 Pcs
Weight	Nom 0.0035 g

Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set fort in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in , or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").



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