



## Product Overview

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### 1N6373: 1500 Watt MOSORB® Transient Voltage Suppressor, 6.0 V Unidir

For complete documentation, see the data sheet

#### Product Description

Mosorb devices are designed to protect voltage sensitive components from high volt-age, high energy transients. They have excellent clamping capability, high surge capabili-ty, low zener impedance and fast response time. These devices are available in highly reliable Surmetic axial leaded packages and are ideally-suited for use in communication systems, numerical controls, process controls, medical equipment, business machines, power supplies and many other industrial/consumer applications, to protect CMOS, MOS and Bipolar integrated circuits.

#### Features

- Standard Voltage Range - 6.2 to 250 V
- Peak Power - 1500 Watts @ 1 ms
- Maximum Clamp Voltage @ Peak Pulse Current
- Low Leakage < 5 <FONT FACE=SYMBOL>m</FONT>A Above 10 V
- UL Recognition
- Response Time is Typically < 1 ns
- CASE: Void-free, transfer-molded, thermosetting plastic
- FINISH: All external surfaces are corrosion resistant and leads are readily solderable
- POLARITY: Cathode indicated by polarity band. When operated in zener mode, will be positive with respect to anode
- MOUNTING POSITION: Any

#### Part Electrical Specifications

Product	Compliance	Status	Dir	V <sub>(BR)</sub> Typ (V)	P <sub>PK</sub> Max (W)	V <sub>RWM</sub> Max (V)	I <sub>R</sub> Max (uA)	V <sub>C</sub> Max (V)	Package Type
1N6373G	Pb-free	Active	Unidirectional	6.3	1500	5	300	9.4	Axial Lead-2
1N6373RL4G	Pb-free	Active	Unidirectional	6.3	1500	5	300	9.4	Axial Lead-2

#### Package Availability

Type	Pb-free	Standard
Axial Lead-2	✓	

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