



## Product Overview

### BZG03C15: Transient Voltage Suppressor, Surge Rated, 600 Watt

For complete documentation, see the data sheet

#### Product Description

The SMA series is supplied in ON Semiconductor's exclusive, cost-effective, highly reliable Surmetic package and is ideally suited for use in communication systems, automotive, numerical controls, process controls, medical equipment, business machines, power supplies and many other industrial/consumer applications. This new line of 1.5 watt Zener diodes offers the following advantages:

#### Features

- Standard Zener Breakdown Voltage ? 15 V to 150 V
- Peak Power 600 Watts @ 100 ms
- ESD Rating of Class 3 (> 16 KV) per Human Body Model
- Response Time is Typically < 1.0 ns
- Flat Handling Surface for Accurate Placement
- Package Design for Top Side or Bottom Circuit Board Mounting
- Pb-Free Packages are Available

#### 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
BZG03C15G	AEC Qualified Pb-free Halide free	Active	Unidirectional	15	600	11	1	21.5	SMA-2

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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