

## Product Overview

### 1N4739A: Zener 9.1V 1W 5%

For complete documentation, see the data sheet.

This is a complete series of 1 Watt Zener diode with limits and excellent operating characteristics that reflect the superior capabilities of silicon-oxide passivated junctions. All this in an axial-lead hermetically sealed glass package that offers protection in all common environmental conditions.

### Features

- Zener Voltage Range - 3.3 V to 91 V
- ESD Rating of Class 3 (>16 KV) per Human Body Model
- DO-41 (DO-204AL) Package
- Double Slug Type Construction
- Metallurgical Bonded Construction
- Oxide Passivated Die
- Mechanical Characteristics:
  - CASE: Double slug type, hermetically sealed glass
  - FINISH: All external surfaces are corrosion resistant and leads are readily solderable
  - MAXIMUM LEAD TEMPERATURE FOR SOLDERING PURPOSES: 230°C, 1/16" from the case for 10 seconds
  - POLARITY: Cathode indicated by polarity band

For more features, see the data sheet

### Part Electrical Specifications

Product	Compliance	Status	V <sub>Z</sub> Typ (V)	P Max (W)	Package Type
1N4739A	Pb-free	Active	9.1	1	Axial Lead / DO-41
	Halide free				
1N4739A-T50A	Pb-free	Active			Axial Lead / DO-41
	Halide free				
1N4739ATR	Pb-free	Active			Axial Lead / DO-41
	Halide free				

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

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