New Jersey Semi-Conductor Products, Inc.

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# **OA1154**

**Gold Bonded Germanium Diode** 

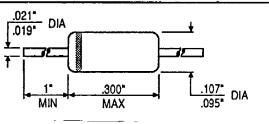
#### **FEATURES**

Low forward voltage drop—low power consumption Thirty years of proven reliability—one million hours mean time between failures (MTBF) Very low noise level Metallurgically bonded

## ABSOLUTE MAXIMUM RATINGS (at 25 °C, unless otherwise specified)

Peak Inverse Voltage Peak Forward Current			55 Volts 500 mA			
Operating Temperature		- 65 °C to 85 °C				
Average Power Dissipation ELECTRICALCHARACTERISTIC	80 mW					
	Symbol	Conditions	Min	Max	Unit	T℃
Peak Inverse Voltage Reverse Current Forward Voltage	PIV Ir Vf	1 mA 40 V 10 mA	55	30 1.2	V μA V	25 °C 25 °C 25 °C

### **MECHANICAL**





NJ Semi-Conductors reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However, NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.

# **Quality Semi-Conductors**