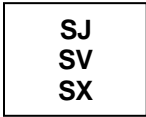


**SENSITRON**  
**SEMICONDUCTOR**



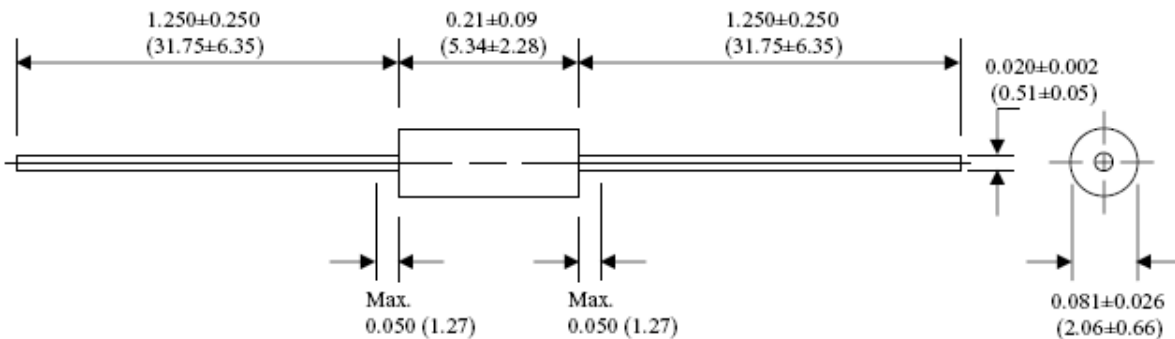
**TECHNICAL DATA**  
**DATASHEET 5124, Rev A**

**Zener 1.5W DIODE**

- Zener voltage available from 1.8V to 6.2V
- Sharp Zener knee
- Metallurgically bonded

Type Number	Nominal Zener Voltage	Vz Test Current	Reverse Leakage	Max Zener Impedance	Max Zener Current	Max Reverse Leakage Current	
	Vz Nominal	Iz	I <sub>r</sub> @150C	Z <sub>zt</sub>	I <sub>zsm</sub>	I <sub>r</sub>	V <sub>r</sub>
	Volts	µA	µA dc	ohms	mA	µA dc	Volts
1N4614-1/UR -1	1.8	250	10.0	1200	1600	3.5	1.0
1N4615-1/UR -1	2.0	250	8.0	1250	1500	2.5	1.0
1N4616-1/UR -1	2.2	250	6.0	1300	1350	2.0	1.0
1N4617-1/UR -1	2.4	250	4.0	1400	1250	1.0	1.0
1N4618-1/UR -1	2.7	250	2.0	1500	1100	0.5	1.0
1N4619-1/UR -1	3.0	250	1.0	1600	1025	0.4	1.0
1N4620-1/UR -1	3.3	250	7.0	1650	950	3.5	1.5
1N4621-1/UR -1	3.6	250	10.0	1700	875	3.5	2.0
1N4622-1/UR -1	3.9	250	5.0	1650	825	2.5	2.0
1N4623-1/UR -1	4.3	250	4.0	1600	800	2.0	2.0
1N4624-1/UR -1	4.7	250	10.0	1550	750	5.0	3.0
1N4625-1/UR -1	5.1	250	10.0	1500	725	5.0	3.0
1N4626-1/UR -1	5.6	250	10.0	1400	700	5.0	4.0
1N4627-1/UR -1	6.2	250	10.0	1200	650	5.0	5.0

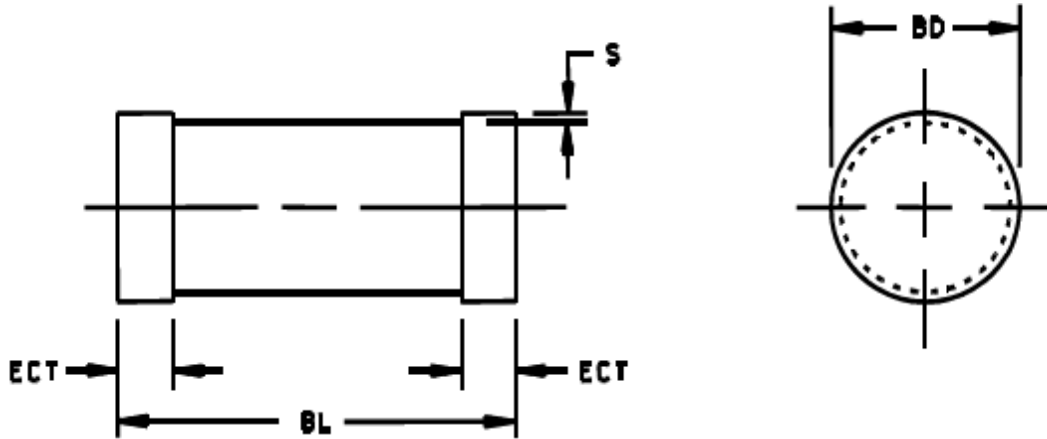
**Dimensions in inches (mm)**



# **SENSITRON** **SEMICONDUCTOR**

SJ
SV
SX

## TECHNICAL DATA DATASHEET 5124, Rev -



Symbol	Dimensions			
	Inches		Millimeters	
	Min	Max	Min	Max
BD	.083	.087	1.60	1.70
ECT	.016	.022	0.41	0.56
BL	.130	.146	3.30	3.71
S	.001 min		0.03 min	

### DISCLAIMER:

- 1- The information given herein, including the specifications and dimensions, is subject to change without prior notice to improve product characteristics. Before ordering, purchasers are advised to contact the Sensitron Semiconductor sales department for the latest version of the datasheet(s).
- 2- In cases where extremely high reliability is required (such as use in nuclear power control, aerospace and aviation, traffic equipment, medical equipment, and safety equipment), safety should be ensured by using semiconductor devices that feature assured safety or by means of users' fail-safe precautions or other arrangement.
- 3- In no event shall Sensitron Semiconductor be liable for any damages that may result from an accident or any other cause during operation of the user's units according to the datasheet(s). Sensitron Semiconductor assumes no responsibility for any intellectual property claims or any other problems that may result from applications of information, products or circuits described in the datasheets.
- 4- In no event shall Sensitron Semiconductor be liable for any failure in a semiconductor device or any secondary damage resulting from use at a value exceeding the absolute maximum rating.
- 5- No license is granted by the datasheet(s) under any patents or other rights of any third party or Sensitron Semiconductor.
- 6- The datasheet(s) may not be reproduced or duplicated, in any form, in whole or part, without the expressed written permission of Sensitron Semiconductor.
- 7- The products (technologies) described in the datasheet(s) are not to be provided to any party whose purpose in their application will hinder maintenance of international peace and safety nor are they to be applied to that purpose by their direct purchasers or any third party. When exporting these products (technologies), the necessary procedures are to be taken in accordance with related laws and regulations.