

# SENSITRON

## SEMICONDUCTOR

### Zener

**PART NUMBER: JAN1N4965**

**DESCRIPTION: Zeners, 20 VOLT, 5W SILICON VOLTAGE REGULATOR**

-All ratings are at  $T_A = 25^\circ\text{C}$  unless otherwise specified

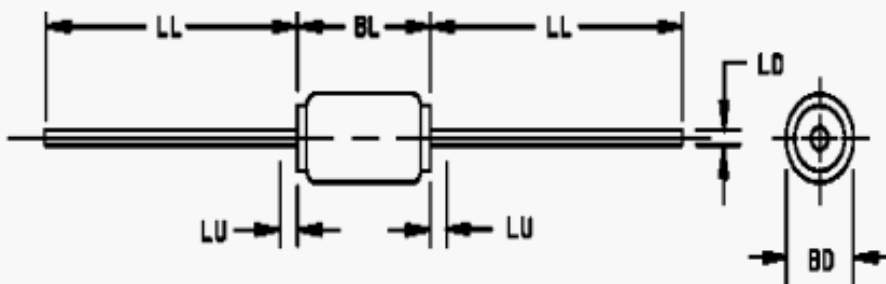
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#### MAXIMUM RATINGS / ELECTRICAL CHARACTERISTICS

RATING	SYMBOL	VALUE	UNITS
MIN ZENER VOLTAGE	Min $V_Z$	19	Vdc
MAX ZENER VOLTAGE	Max $V_Z$	21	Vdc
TEST CURRENT	$I_Z$	65	mAmps dc
MAX IMPEDENCE	Max $Z_Z$	4.5	ohm
REVERSE VOLTAGE	$V_R$	15	Vdc
MAXIMUM REVERSE CURRENT	Max $I_R$	2	uAmps dc
MAXIMUM KNEE IMPEDENCE	Max $Z_K$	165	ohm
MAXIMUM VOLTAGE REGULATION	Max $V_Z$	2	Vdc
MAXIMUM TEMPERATURE COEFFICIENT	$aV_Z$	.085	%/C
DC MAXIMUM RATED SURGE CURRENT	$I_{ZSM}$	8	A
MAXIMUM DC CURRENT	$I_Z$	237	mA

#### MECHANICAL DIMENSIONS: In Inches / mm

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Dimensions					
Ltr	Inches		Millimeters		Notes
	Min	Max			
BL	.130	.300	3.30	4.95	
BD	.090	.145	2.92	4.70	
LL	1.00	1.300	25.40	33.02	
LU		.050		1.27	4
LD	.037	.043	0.94	1.89	3

**Data and specifications subject to change without notice.**

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