

### **Features**

- Available in JAN, JANTX, and JANTXV per MIL-PRF-19500/116
- Metallurgically Bonded
- Hermetically Sealed
- Double Plug Construction

## Maximum Ratings @ 25°C

Operating & Storage Temperat	ure: -65°C to +175°C
Surge Current A, sine 8.3mS:	2.0 A
Surge Current B, square 8.3ms	6: 0.704 A
Operating Current:	200mA, T <sub>A</sub> =+75°C
Derating Factor: 2.0 mA/°C a	bove $T_A = +25^{\circ}C$
D.C. Reverse Voltage (VRWM):	75V

## **DC Electrical Characteristics**

V <sub>F</sub>			۱ <sub>R</sub>			V <sub>BR</sub>					
Ambient (°C)	l <sub>F</sub> mA	Minimum V	Maximum V	Ambient (°C)	V (dc)	Minimum A	Maximum A	Ambient (°C)	Ι <sub>R</sub> μΑ	Minimum V	Maximum V
25	10		0.8	25	20		0.025	25	100	100	25
25	100		1.2	25	75		0.500				
150	10		0.8	150	20		35.0				
-55	100		1.3	150	75		75.0				

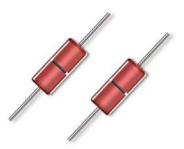
# AC Electrical Characteristics @ 25°C

	Symbol	Maximum	Maximum
Capacitance @ 0V	pF		4
Capacitance @ 1.5V	pF		2.8
TRR @ IF =IR=10mA, IRec = 1mA.	nsec		5
TFR @ IF = 50mA	nsec		20
VFR @ IF = 50mA	V(pk)		5



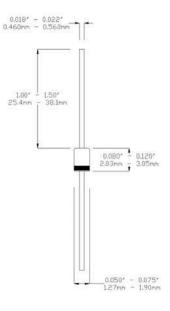


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## **Outline Drawing**



LEADED DESIGN DATA

CASE: Hermetically sealed glass case per MIL-S-19500/116, DO – 34 LEAD MATERIAL: Copper clad steel LEAD FINISH: Tin / Lead THERMAL RESISTANCE: ( $R_{\Theta JL}$ ): 250 °C/W maximum at L = 0.375 in THERMAL IMPEDANCE: ( $Z_{\Theta JX}$ ): 70 °C/W maximum POLARITY: Cathode end is banded.

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