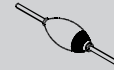


**2,000 V - 10,000 V Rectifiers**  
**25 mA - 250 mA Forward Current**  
**70 ns Recovery Time**

**1N6529 1N6531**  
**1N6533 1N6535**

AXIAL LEADED  
HERMETICALLY SEALED  
MIL-PRF-19500/577



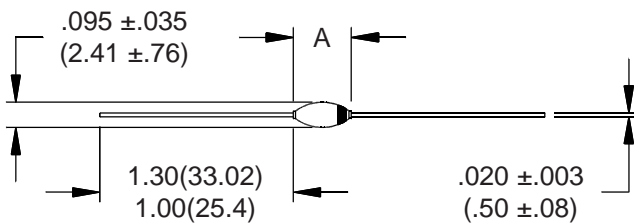
**4**

JANTX JANTXV

**ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS**

Part Number	Working Reverse Voltage (V <sub>rw</sub> )	Average Rectified Current (I <sub>o</sub> )		Reverse Current @ V <sub>rw</sub> (I <sub>r</sub> )		Forward Voltage (V <sub>f</sub> )		1 Cycle Surge Current t <sub>p</sub> =8.3ms (I <sub>fsm</sub> )	Repetitive Surge Current (I <sub>frm</sub> )	Reverse Recovery Time (3) (T <sub>rr</sub> )	Thermal Impedance θ <sub>J-L</sub>			Junction Cap. @50VDC @ 1kHz (C <sub>j</sub> )
		55°C(1)	100°C(2)	25°C	100°C	25°C					L=000	L=.125	L=.250	
		Volts	Amps	Amps	µA	µA	Volts				mA	Amps	Amps	
1N6529	2000	0.250	0.125	0.1	10	3.0	25	10	1.50	70	18	30	50	4.0
1N6531	3000	0.100	0.050	0.1	10	7.0	25	8	1.25	70	18	30	50	2.0
1N6533	5000	0.050	0.025	0.1	10	9.0	25	4	0.75	70	18	30	50	1.0
1N6535	10000	0.025	0.012	0.1	10	14.0	25	2	0.38	70	18	30	50	0.5

(1)TL=55°C L=0.375" (2)TL=100°C L=0.375" (3)I<sub>f</sub>=12.5mA, I<sub>r</sub>=25mA, I<sub>rr</sub>=6.3mA • Op.Temp.= -65°C to +175°C Stg.Temp.= -65°C to +200°C



Part	A
1N6529	.200(5.08) MAX. .140(3.56) MIN.
1N6531	.220(5.59) MAX. .160(4.06) MIN.
1N6533	.240(6.10) MAX. .180(4.57) MIN.
1N6535	.300(7.62) MAX. .240(6.10) MIN.



Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



**VOLTAGE MULTIPLIERS INC.**  
8711 W. Roosevelt Ave.  
Visalia, CA 93291

TEL 559-651-1402  
FAX 559-651-0740  
www.voltagemultipliers.com

# 1N6529 1N6531 1N6533 1N6535

