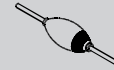


2,000 V - 10,000 V Rectifiers
25 mA - 250 mA Forward Current
70 ns Recovery Time

1N6529 1N6531
1N6533 1N6535

AXIAL LEADED
 HERMETICALLY SEALED
 MIL-PRF-19500/577



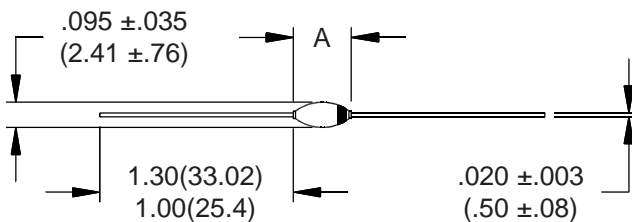
4

JANTX JANTXV

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current (I _o)		Reverse Current @ V _{rw} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current t _p =8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (3) (T _{rr})	Thermal Impedance θ _{J-L}			Junction Cap. @50VDC @ 1kHz (C _j)	
		Volts	55 °C(1)	100 °C(2)	25 °C	100 °C	25 °C		25 °C	25 °C	25 °C	L=000	L=.125	L=.250	25 °C
			Amps	Amps	µA	µA	Volts	mA	Amps	Amps	ns	°C/W	°C/W	°C/W	pF
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_f=12.5mA, I_r=25mA, I_{rr}=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

