

200 V - 1,000 V Rectifiers

1.5 A Forward Current

150 ns - 500 ns Recovery Time

1N5615 1N5617
1N5619 1N5621
1N5623

AXIAL LEADED
 HERMETICALLY SEALED
 MIL-PRF-19500/429

JAN JANTX JANTXV

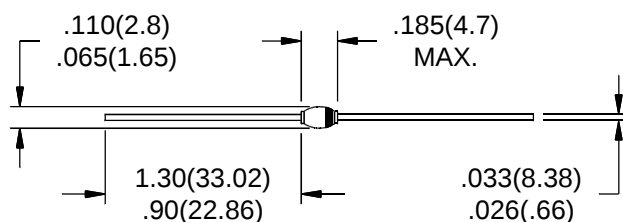


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ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current		Reverse Current @ V _{rw}		Forward Voltage		1 Cycle Surge Current t _p =8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (3) (T _{rr})	Thermal Impedance			Junction Cap. @50VDC @ 1kHz (C _j)
	(V _{rw})	(I _o)		(I _r)		(V _f)					θ _{J-L}			
		55°C(1)	100°C(2)	25°C	100°C	25°C		25°C	25°C	25°C	L=.125	L=.375	L=.500	25°C
	Volts	Amps	Amps	μA	μA	Volts	Amps	Amps	Amps	ns	°C/W	°C/W	°C/W	pF
1N5615	200	1.50	0.75	0.5	25	1.6	3.00	25	6	150	18	38	45	16
1N5617	400	1.50	0.75	0.5	25	1.6	3.00	25	6	150	18	38	45	16
1N5619	600	1.50	0.75	0.5	25	1.6	3.00	25	6	250	18	38	45	16
1N5621	800	1.50	0.75	0.5	25	1.6	3.00	25	6	300	18	38	45	16
1N5623	1000	1.50	0.75	0.5	25	1.6	3.00	25	6	500	18	38	45	16

(1)TL=55°C L=0.375" (2)TL=100°C L=0.375" (3)I_f=0.5A, I_r=1.0A, I_{rr}=0.25A • Op.Temp.= -65°C to +175°C Stg.Temp.= -65°C to +200°C



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



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