

200 V - 1,000 V Rectifiers

1.5 A Forward Current
2000 ns Recovery Time

1N5614 1N5616
1N5618 1N5620
1N5622

AXIAL LEADED
HERMETICALLY SEALED
MIL-PRF-19500/427

JAN JANTX JANTXV

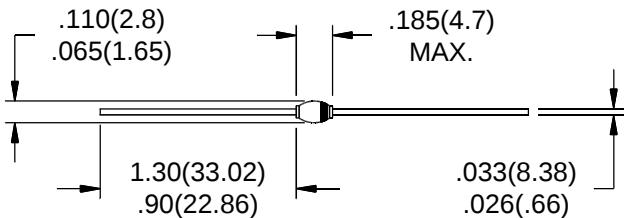


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ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current		Reverse Current @ Vrwm		Forward Voltage		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (3) (Trr)	Thermal Impedance			Junction Cap. @50VDC @ 1kHz (Cj)
	(Vrwm)	(Io)		(Ir)		(Vf)					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
1N5614	200	1.50	0.75	0.5	25	1.3	3.00	30	10	2000	18	38	45	16
1N5616	400	1.50	0.75	0.5	25	1.3	3.00	30	10	2000	18	38	45	16
1N5618	600	1.50	0.75	0.5	25	1.3	3.00	30	10	2000	18	38	45	16
1N5620	800	1.50	0.75	0.5	25	1.3	3.00	30	10	2000	18	38	45	16
1N5622	1000	1.50	0.75	0.5	25	1.3	3.00	30	10	2000	18	38	45	16

(1)TL=55°C L=0.375" (2)TL=100°C L=0.375" (3)If=0.5A, Ir=1.0A, Irr=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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