

400 V - 1,000 V Rectifiers

1.5 A Forward Current
70 ns Recovery Time

1N6612 1N6613
1N6614 1N6615

AXIAL LEADED
HERMETICALLY SEALED

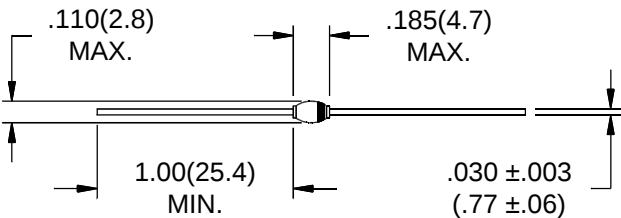


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ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (Vrwm)	Average Rectified Current (Io)		Reverse Current @ Vrwm (Ir)		Forward Voltage (Vf)		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (3) (Trr)	Thermal Impedance θ_{J-L}			Junction Cap. @50VDC @ 1kHz (Cj)
		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
1N6612	400	1.50	0.75	1.0	20	1.7	1.00	25	5	70	18	38	45	16
1N6613	600	1.50	0.75	1.0	20	1.7	1.00	25	5	70	18	38	45	16
1N6614	800	1.50	0.75	1.0	20	1.7	1.00	25	5	70	18	38	45	16
1N6615	1000	1.50	0.75	1.0	20	1.7	1.00	25	5	70	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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