

400 V - 1,000 V Rectifiers

1.5 A Forward Current

70 ns Recovery Time

1N6612 1N6613

1N6614 1N6615

AXIAL LEADED

HERMETICALLY SEALED

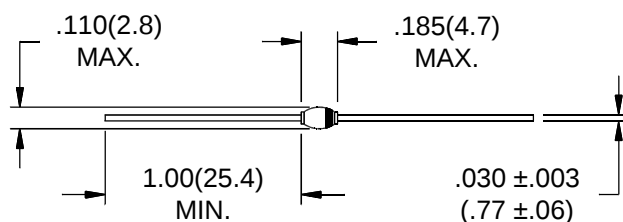


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ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	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)		25°C	25°C	25°C	θ _{J-L}			25°C
	Volts	55°C(1) Amps	100°C(2) Amps	25°C μA	100°C μA	25°C Volts	25°C Amps	Amps	Amps	ns	L=.125 °C/W	L=.375 °C/W	L=.500 °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)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.



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

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

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