

400 V - 1,000 V Rectifiers

3.0 A Forward Current
70 ns Recovery Time

1N6616 1N6617
1N6618 1N6619

AXIAL LEADED
HERMETICALLY SEALED

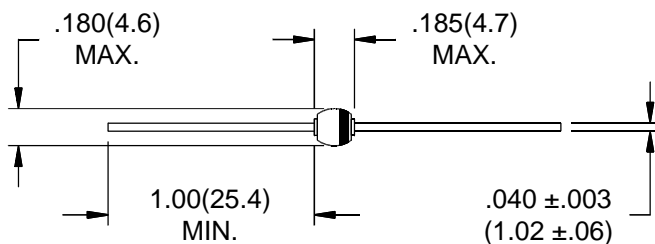


3

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)
		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
1N6616	400	3.0	2.0	1.0	20	1.7	3.00	100	20	70	9	20	25	35
1N6617	600	3.0	2.0	1.0	20	1.7	3.00	100	20	70	9	20	25	35
1N6618	800	3.0	2.0	1.0	20	1.7	3.00	100	20	70	9	20	25	35
1N6619	1000	3.0	2.0	1.0	20	1.7	3.00	100	20	70	9	20	25	35

(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

1N6616 1N6617 1N6618 1N6619

