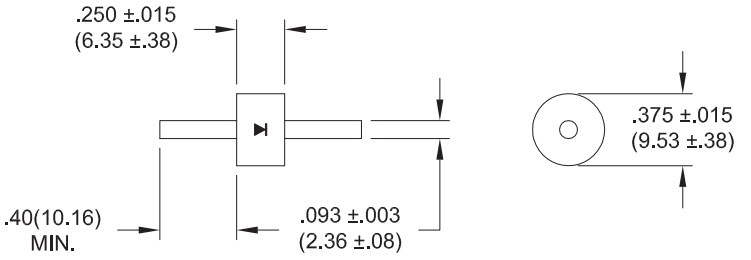
High Voltage Diodes - Epoxy Molded

1.5A - 3.0A • 100ns • Axial Leaded

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS													
Part Number	Working Reverse Voltage (Vrwm)	Average Rectified Current (Io)		Reverse Current @ Vrwm (Ir)		Foward 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=.000	L=.250	25°C
	Volts	Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	°C/W	°C/W	pF
K25UF	2500	3.00	1.50	2.0	100	7.5	3.0	200	50	100	2.0	4.5	70
K50UF	5000	2.20	1.10	2.0	100	10.5	2.2	150	35	100	2.0	4.5	50
K100UF	10000	1.50	0.75	2.0	100	14.0	1.5	100	25	100	2.0	4.5	35

(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.= -55°C to +150°C Stg. Temp.= -55°C to +175°C



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

VOLTAGE MULTIPLIERS INC.
Voltage Multipliers Inc.
8711 W. Roosevelt Ave.
Visalia, CA 93291 USA
Tel: 559.651.1402
Fax: 559.651.0740
www.voltagemultipliers.com
www.highvoltagepowersupplies.com

K25UF K50UF K100UF