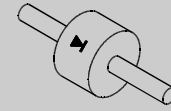


2,500 V - 10,000 V Rectifiers

1.5 A - 3.0 A Forward Current
3000 ns Recovery Time

K25S
K50S
K100S

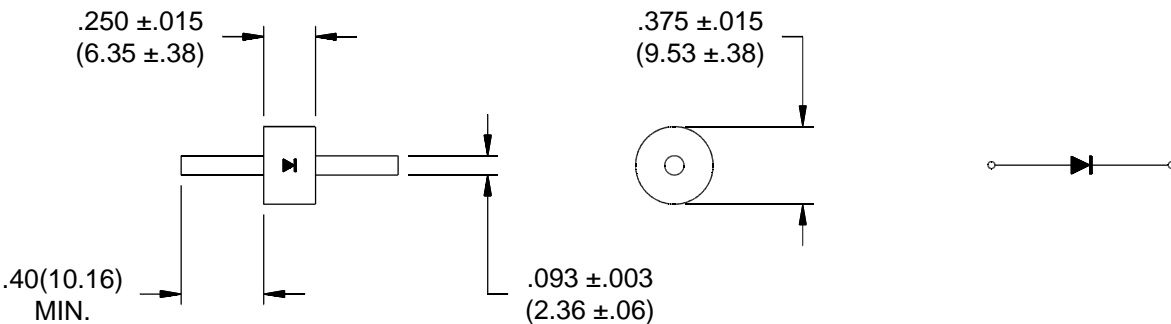
AXIAL LEADED
EPOXY MOLDED



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) pF
		55°C(1)	100°C(2)	25°C	100°C	25°C	25°C				L=.000	L=.250	
	Volts	Amps	Amps	μ A	μ A	Volts	Amps	25°C	25°C	25°C	°C/W	°C/W	
K25S	2500	3.00	1.50	2.0	100	5.5	3.0	200	50	3000	2	4.5	70
K50S	5000	2.20	1.10	2.0	100	8.5	2.2	150	35	3000	2	4.5	50
K100S	10000	1.50	0.75	2.0	100	12.0	1.5	100	25	3000	2	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.



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