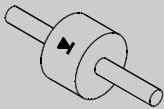


2,500 V - 10,000 V Rectifiers
1.5 A - 3.0 A Forward Current
200 ns Recovery Time

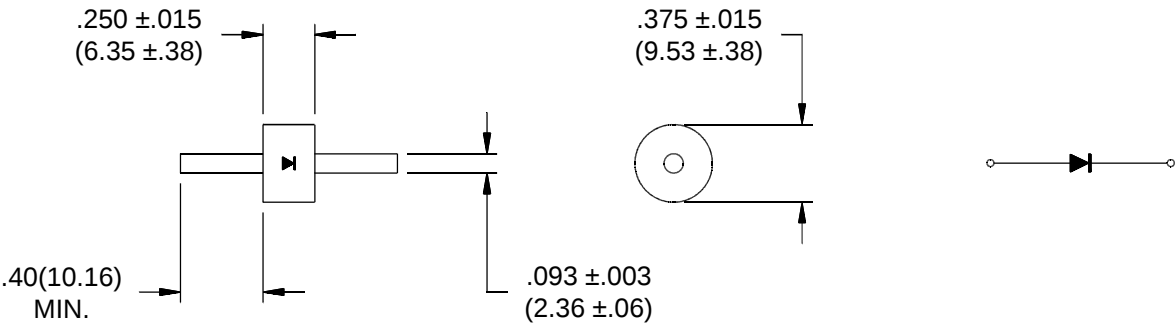
K25F
K50F
K100F

AXIAL LEADED
EPOXY MOLDED



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ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS													
Part Number	Working Reverse Voltage	Average Rectified Current		Reverse Current @ Vrwm		Foward Voltage		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (3) (Trr)	Thermal Impedance		Junction Cap. @50VDC @ 1kHz (Cj)
	(Vrwm)	(Io)		(Ir)		(Vf)					θ_{J-L}		
	Volts	55°C(1)	100°C(2)	25°C	100°C	25°C		25°C	25°C	25°C	L=,000	L=,250	
		Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	°C/W	°C/W	pF
K25F	2500	3.00	1.50	2.0	100	6.5	3.0	200	50	200	2	4.5	70
K50F	5000	2.20	1.10	2.0	100	9.5	2.2	150	35	200	2	4.5	50
K100F	10000	1.50	0.75	2.0	100	13.0	1.5	100	25	200	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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K25F K50F K100F

