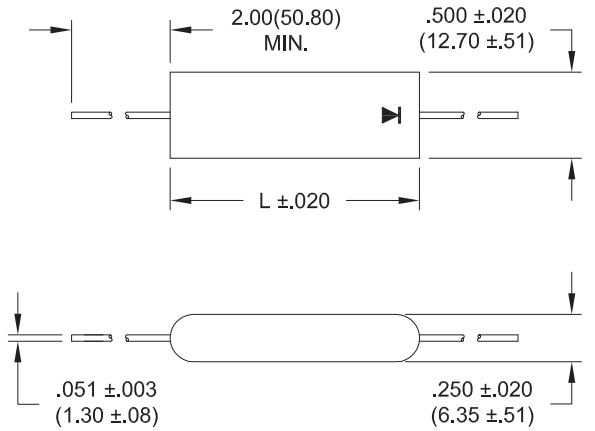
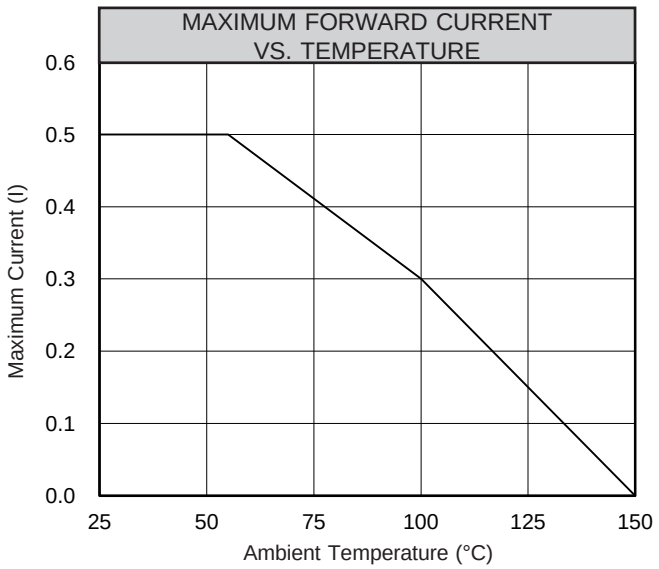
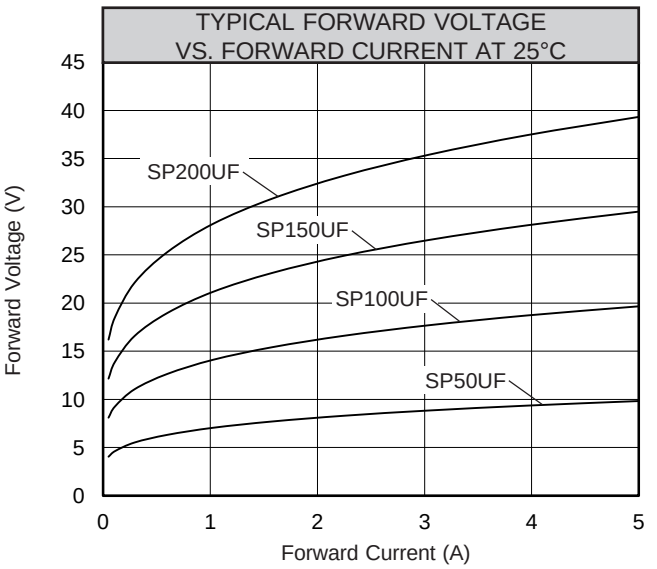
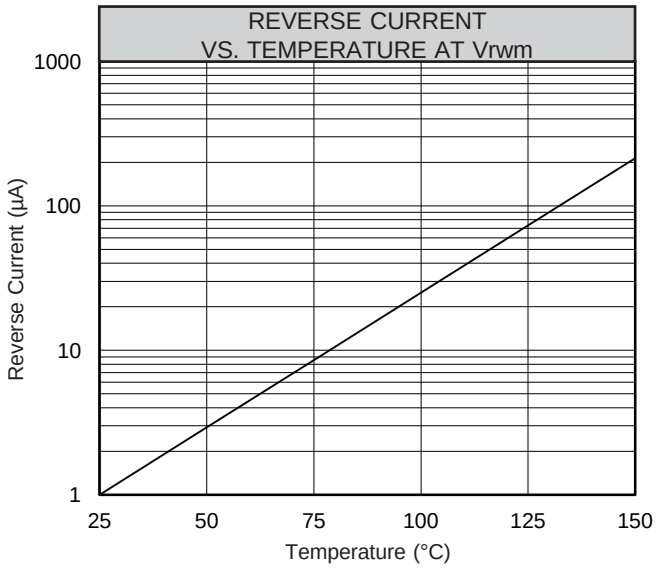
High Voltage Rectifier Stacks

0.5A • 70ns • Axial Leaded

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS											
Part Number	Working Reverse Voltage (Vrwm)	Average Rectified Current (in oil) (Io)		Reverse Current @ Vrwm (Ir)		Forward Voltage (Vf)		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (1) (Trr)	Case Length (L)
		55°C	100°C	25°C	100°C	25°C		25°C	25°C	25°C	
	Volts	Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	in.
SP50UF	5000	0.5	0.33	1.0	25	11.0	1.0	40	8	70	2.00
SP100UF	10000	0.5	0.33	1.0	25	16.0	1.0	40	8	70	3.50
SP150UF	15000	0.5	0.33	1.0	25	24.0	1.0	40	8	70	4.25
SP200UF	20000	0.5	0.33	1.0	25	32.0	1.0	40	8	70	4.25

(1)Trr Testing: If=0.5mA, Ir=1.0A, Irr=0.25A *Op. Temp.= -55°C to +150°C Stg. Temp.= -55°C to +150°C



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

SP50UF SP100UF SP150UF SP200UF