

High Voltage Diodes - Axial Lead

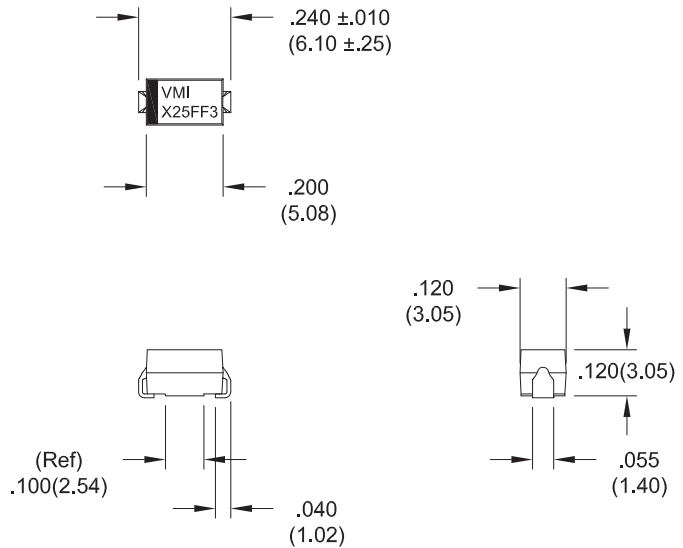
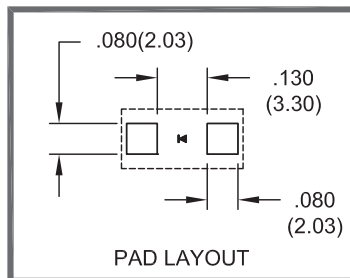
0.42A - 0.25A • 30ns - 100ns

Released: 07-03-12

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 Impd. θ_{J-L}	Junction Cap. @50VDC @1kHz (Cj)	Markings
		55°C(1)	100°C(2)	25°C	100°C	25°C	25°C	25°C	25°C	25°C	25°C	25°C	
	Volts	Amps	Amps	μ A	μ A	Volts	Amps	Amps	Amps	ns	°C / W	pF	
SXF25FF3	2500	0.42	0.21	1.0	20	12.0	0.25	16	3	30	20	4.0	X25FF3
SXF25UFG	2500	0.25	0.125	1.0	20	7.0	0.10	15	3	100	20	4.0	X25UFG

(1)TC=55°C (2)TC=100°C (3)If=125mA, Ir=250mA, Irr=63mA *Op. Temp.= -65°C to +175°C Stg. Temp.= -65°C to +200°C

Tolerance:
.XXX ±.005



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



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