

High Voltage Diodes - Surface Mount

Original Released: 02-17-17

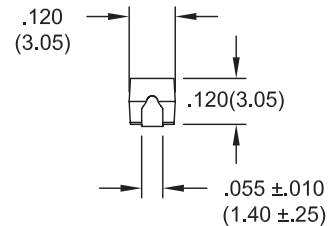
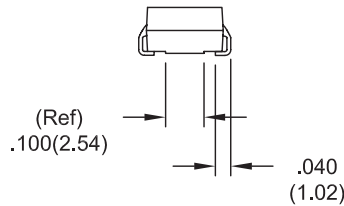
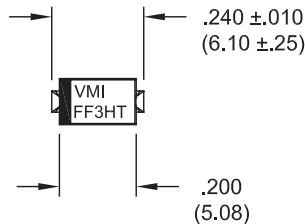
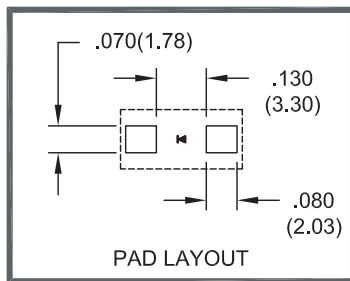
0.42A • 30ns

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current		Reverse Current @ Vrwm		Forward Voltage		1 Cycle Surge Current tp=8.3ms	Repetitive Surge Current	Reverse Recovery Time (3)	Thermal Impd. θ_{J-L}	Junction Cap. @50VDC @ 1kHz
				(Ir)								
	(Vrwm)	(Io)		(Vrwm)	1.0 kV	(Vf)	(Ifsm)	(Ifrm)	(Trr)	25°C	25°C	
	Volts	Amps	Amps	μ A	μ A	Volts	Amps	Amps	Amps	ns	°C/W	pF
SXF20FF3HT	2000	0.42	0.21	0.1	25	7.5	0.42	16	3	30	7	4

(1)TL=55°C (2)TL=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(.13)



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



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