

# High Voltage Diodes - Surface Mount

Original Released: 10-05-18  
 Revised: 11-08-19

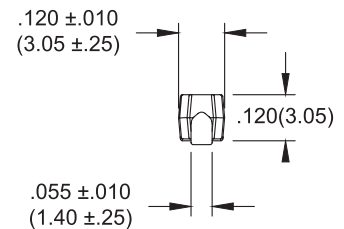
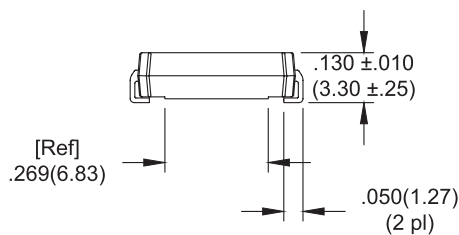
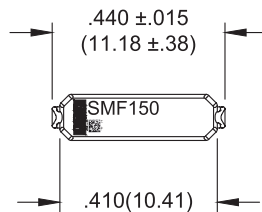
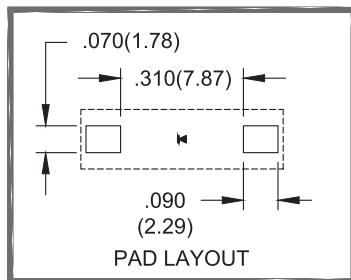
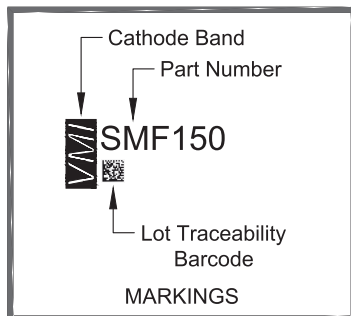
**0.10A • 100ns**

## 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. $\Theta_{J-L}$	Junction Cap. @50VDC @ 1kHz (Cj)
		55°C(1)	100°C(2)	25°C	100°C	25°C		25°C	25°C	25°C	25°C	25°C
	Volts	mA	mA	$\mu$ A	$\mu$ A	Volts	mA	Amps	Amps	ns	°C/W	pF
SMF150	15000	10	5	0.1	10	35.0	10	1.0	0.20	100	40	0.5

(1)TC=55°C (2)TC=100°C (3)If=12.5mA, Ir=25.0mA, Irr=6.3mA \*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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