

High Voltage Diodes - Surface Mount

Original Released: 05-21-15
 Revised Date: 05-01-20

500mA • 70ns

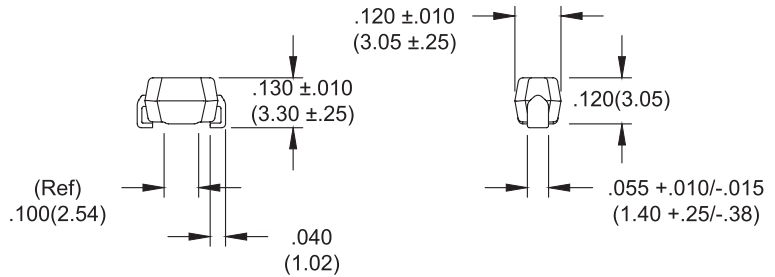
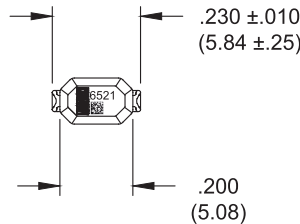
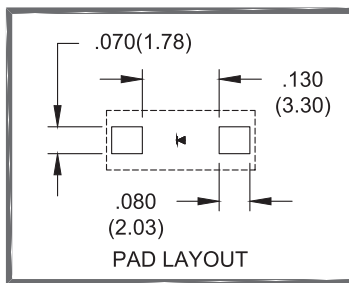
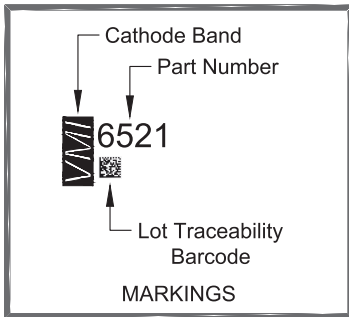
ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

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	
	Volts	mA	mA	µA	µA	Volts	mA	Amps	Amps	ns	°C/W	pF	
SXF6521	2000	500	250	0.5	20	3.0	500	25	5.00	70	20	8.0	6521

(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.



Voltage Multipliers Inc.

8711 W. Roosevelt Ave.
 Visalia, CA 93291 USA

Tel: 559.651.1402
 Fax: 559.651.0740

www.voltagemultipliers.com
www.highvoltagepowersupplies.com