

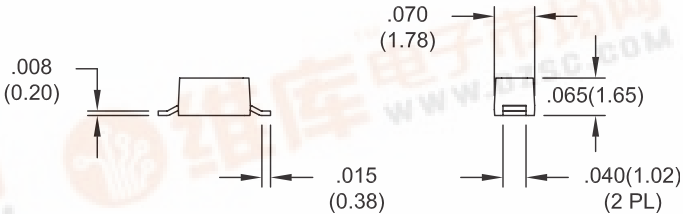
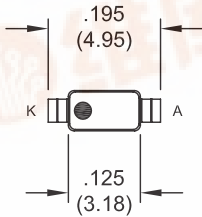
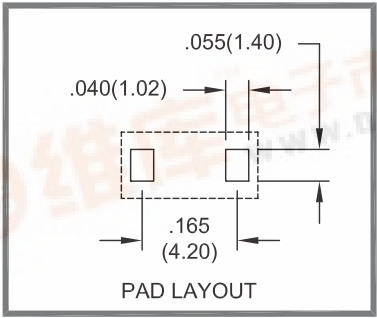
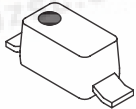
Single Rectifier - 1,800V

10mA • 70ns

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS												
Part Number	Working Reverse Voltage	Average Rectified Current		Reverse Current @ V _{rw}		Forward Voltage		1 Cycle Surge Current t _p =8.3ms (I _{fsm})	Repetitive Surge Current	Reverse Recovery Time (3) (T _{rr})	Thermal Impd.	Junction Cap. @4VDC @25kHz (C _j)
	(V _{rw})	(I _o)		(I _r)		(V _f)			(I _{frm})		θ _{J-C}	
	Volts	55°C(1)	100°C(2)	25°C	100°C	25°C		25°C	25°C	25°C	25°C	25°C
		mA	mA	µA	µA	Volts	mA	Amps	Amps	ns	°C/W	pF
SRP18U	1800	10.0	5.0	0.010	5.00	4.0	100	2.0	0.5	70	100	2.0
(1)TC=55°C (2)TC=100°C (3)I _f =0.125A, I _r =0.25A, I _{rr} =0.063A *Op. Temp.= -55°C to +150°C Stg. Temp.= -55°C to +175°C												

Plating: Gold Plating per MIL-G-45204C, Type II, 10-15 µinches.

PRELIMINARY



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

TEL. 559-651-1402
FAX 559-651-0740
www.voltagemultipliers.com
www.highvoltagepowersupplies.com