

Single Diode - 1,800V

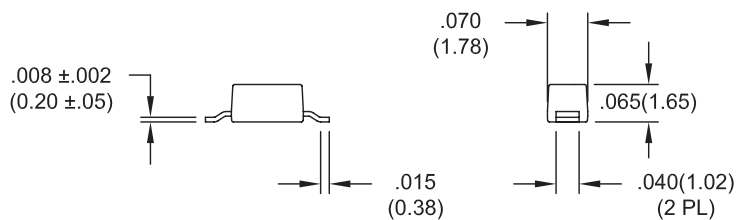
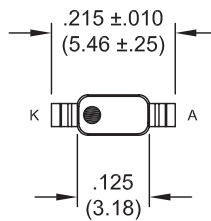
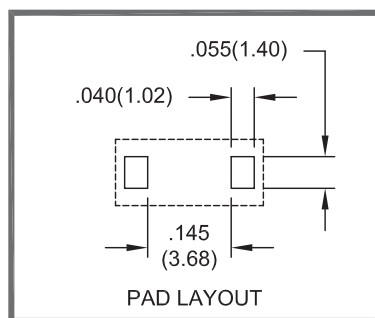
10mA • 70ns

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 (Ifm)	Reverse Recovery Time (3) (Trr)	Thermal Impd. θ_{J-C}	Junction Cap. @4VDC @25kHz (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	μ A	μ A	Volts	mA	Amps	Amps	ns	°C/W	pF
SRP18U	1800	10.0	5.0	0.100	10.0	4.0	100	2.0	0.5	70	100	2.0

(1)TC=55°C (2)TC=100°C (3)If=0.125A, Ir=0.25A, Irr=0.063A *Op. Temp.= -55°C to +150°C Stg. Temp.= -55°C to +175°C

Plating:
Tin plating per AMS-P-81728A, matte finish, 60% Sn, 40% Pb.

Tolerance:
.XXX ±.005



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



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