

Single Rectifier - 1,800V

10mA • 70ns

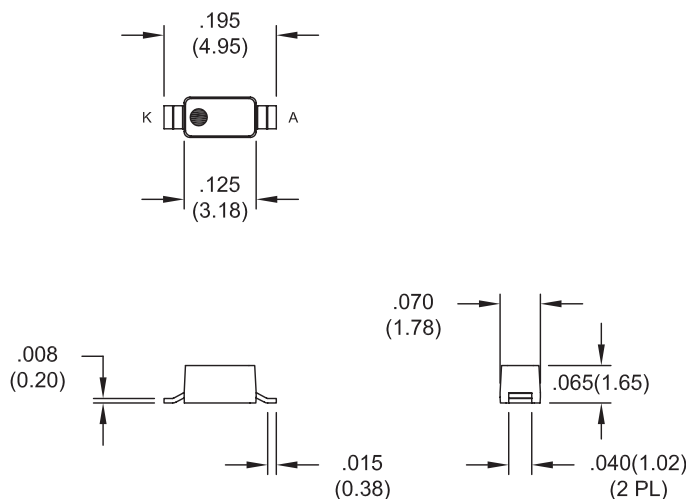
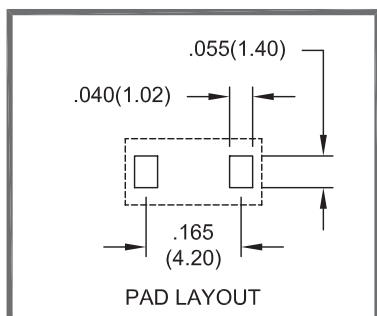
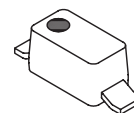
ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current (I _o)		Reverse Current @ V _{rw} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current t _p =8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (3) (T _{rr})	Thermal Impd. θ _{J-C}	Junction Cap. @4VDC @25kHz (C _j)
		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
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.



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