

1/ For Ordering Information, Price, Operating Curves, and Availability - Contact Factory. 2/ Screening Based on MIL-PRF-19500. Screening Flows Available on Request.

## Axial Leaded

SMS (Square)



NOTE: All specifications are subject to change without notification. SCD's for these devices should be reviewed by SSDI prior to release.

DATA SHEET #: RU0121D

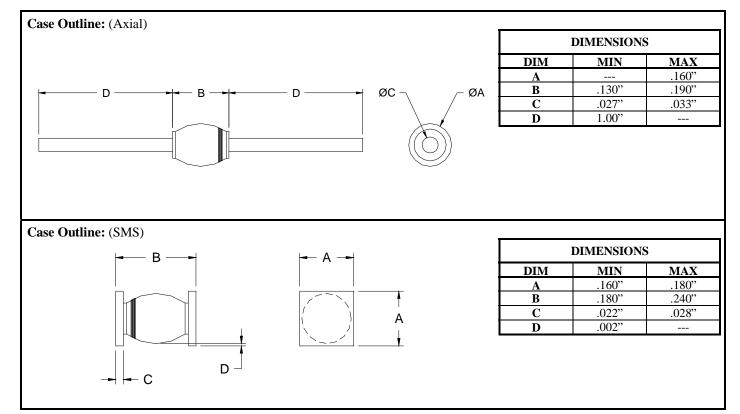
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## SRE10UF thru SRE15UF

Electrical Characteristics		Symbol	Max	Units
<b>Instantaneous Forward Voltage Drop</b> ( $I_F = 0.75$ Adc, $T_A = 25^{\circ}$ C, 300 µs pulse)		$\mathbf{V}_{\mathbf{F}}$	2.5	Vdc
<b>Instantaneous Forward Voltage Drop</b> $(I_F = 3 \text{ Adc}, T_A = -55^{\circ}\text{C}, 300 \ \mu\text{s pulse})$		$\mathbf{V}_{\mathbf{F}}$	2.7	Vdc
<b>Reverse Leakage Current</b> (Rated $V_R$ , $T_A = 25^{\circ}$ C, 300 µs pulse minimum)		I <sub>R</sub>	10	μА
<b>Reverse Leakage Current</b> (Rated $V_R$ , $T_A = 100^{\circ}$ C, 300 µs pulse minimum)		I <sub>R</sub>	500	μΑ
Junction Capacitance ( $V_R = 10 \text{ Vdc}, T_A = 25^{\circ}\text{C}, f = 1\text{MHz}$ )		C <sub>J</sub>	50	pF
<b>Reverse Recovery Time</b> ( $I_F = 500 \text{ mA}, I_R = 1\text{A}, I_{RR} = 0.25\text{A}, T_A = 25^{\circ}\text{C}$ )	SRE10UF-11UF SRE12UF-14UF SRE15UF	t <sub>rr</sub>	50 60 70	nsec



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