



Solid State Devices, Inc.

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SDA116 Series

Electrical Characteristic ^{5/}	Symbol	Min	Typ	Max	Units
Instantaneous Forward Voltage Drop (T _A = 25°C, pulsed) (T _A = 25°C, pulsed) (T _A = -55°C, pulsed)	I _F = 3A I _F = 9A I _F = 9A	—	—	1.40 1.75 1.95	Volts
Reverse Leakage Current (Rated V _R , T _A = 25°C, pulsed)	I _{R1}	—	—	25	mA
Reverse Leakage Current (Rated V _R , T _A = 100°C, pulsed)	I _{R2}	—	—	500	mA
Reverse Recovery Time (I _F = 500 mA, I _R = 1 A, I _{RR} = 250 mA T _A = 25°C)	t _{rr}	—	—	70	ns

NOTES:

1/ For Ordering Information, Price, and Availability Contact Factory.

2/ For Package Outlines Contact Factory.

3/ Up and Down Bend Configurations are Available for ‘—’ (Leaded) Packages Only.

4/ Derate Linearly at 0.26 A/°C for T_C > 55°C.

5/ Unless Otherwise Specified, All Electrical Characteristics @25°C.

Mounting Diagram: ^{2/}

