

Features:



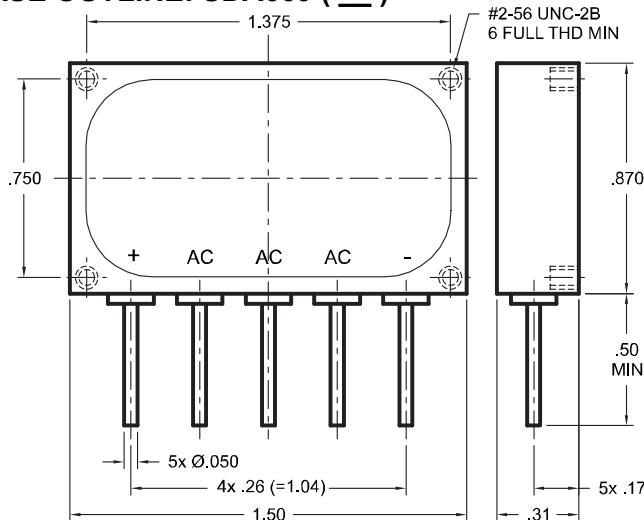
Solid State Devices, Inc.

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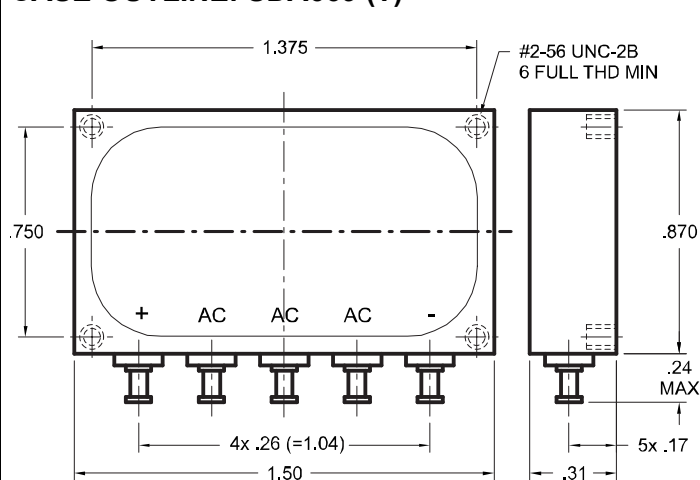
Fast Recovery SDA669 Series 300 nsec

Electrical Characteristic ^{5/}		Symbol	Min	Typ	Max	Units
Instantaneous Forward Voltage Drop (T _A = 25°C, 300 - 500 µsec pulse)	I _F = 3A	V _{F1}	—	—	1.15	V _{DC}
	I _F = 9A	V _{F2}	—	—	1.30	
Reverse Leakage Current (Rated V _R , T _A = 25°C, 300 µsec pulse minimum)		I _{R1}	—	—	5	µA
Reverse Leakage Current (Rated V _R , T _A = 100°C, 300 µsec pulse minimum)		I _{R2}	—	—	60	µA
Reverse Recovery Time (T _A = 25°C, I _F = 0.5A, I _R = 1.0A, I _{RR} = 0.25A)		t _{RR}	—	250	300	nsec

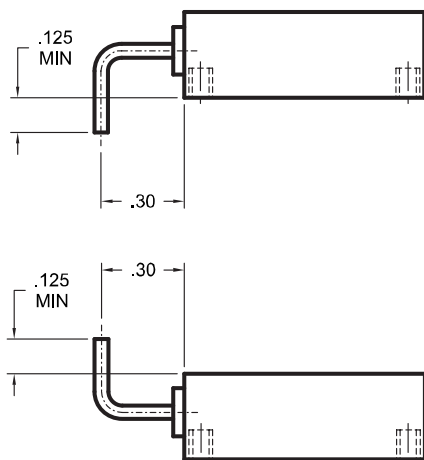
CASE OUTLINE: SDA669 (_)



CASE OUTLINE: SDA669 (T)



Lead Bend Options ^{3/}



Available Part Numbers:

SDA669JF; SDA669JFT, SDA669RJF; SDA669RJFT, SDA669JFUB;
SDA669JFDB, SDA669RJFUB; SDA669RJFDB;
SDA669KF; SDA669KFT, SDA669RKF; SDA669RKFT, SDA669KFUB;
SDA669KFDB, SDA669RKFUB; SDA669RKFDB;
SDA669MF; SDA669MFT, SDA669RMF; SDA669RMFT, SDA669MFUB;
SDA669MFDB, SDA669RMFUB; SDA669RMFDB

NOTES:

* Pulse Test: Pulse Width = 300µsec, Duty Cycle = 2%

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

2/ Screening based on MIL-PRF-19500. Screening flows available on request.

3/ Up and Down Bend Configurations are Available for ' _ ' (Leaded) Packages Only.
Custom lead bend options available upon request.

4/ Derate Linearly at 0.316A/°C for T_C > 55°C.

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

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

DATA SHEET #: RA0026G

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