



Micro Commercial Components



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SD820
THRU
SD8100

8 Amp Schottky
Barrier Rectifier
20 to 100 Volts

Features

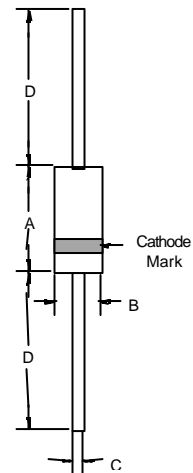
- Low Switching Noise and Low Forward Voltage Drop
High Current Capability and High Surge Current Capability
Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates
RoHS Compliant. See ordering information)
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1

Maximum Ratings

- Operating Temperature: -55°C to +125°C
Storage Temperature: -55°C to +150°C
Maximum Thermal Resistance; 30°C/W Junction To Ambient

Table with 4 columns: MCC Part Number, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Rows include SD820, SD830, SD840, SD850, SD860, SD880, SD8100.

DO-201AD



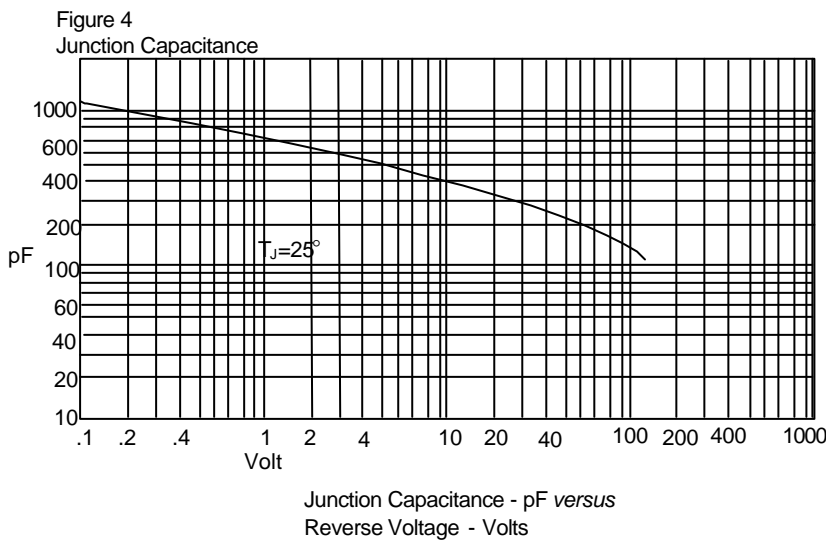
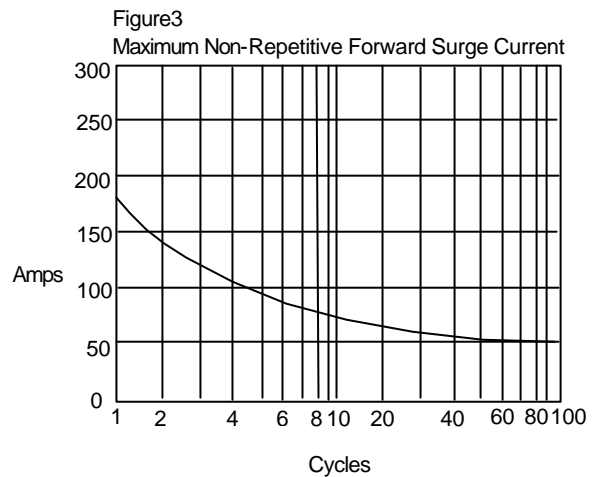
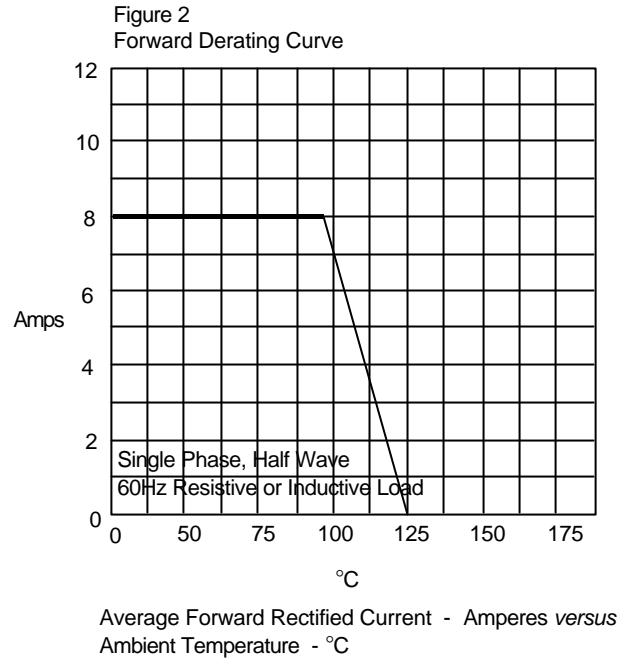
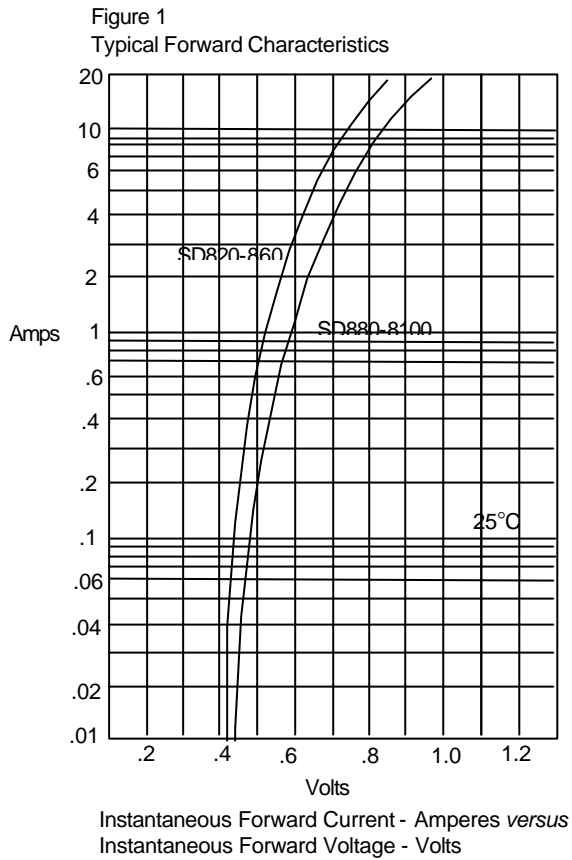
Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Value, Conditions. Rows include Average Forward Current, Peak Forward Surge Current, Maximum Instantaneous Forward Voltage, Maximum DC Reverse Current, and Typical Junction Capacitance.

Table titled DIMENSIONS with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows include dimensions A, B, C, and D.

Notes: 1. High Temperature Solder Exemption Applied, see EU Directive Annex 7.
2. Pulse test: Pulse width 300 µsec, Duty cycle 1%

SD820 thru SD8100





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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 1.2Kpcs/Reel
Part Number-AP	Ammo Packing: 1.2Kpcs/Ammo Box
Part Number-BP	Bulk: 12Kpcs/Carton

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