



Micro Commercial Components



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SD820
THRU
SD8100

8 Amp Schottky
Barrier Rectifier
20 to 100 Volts

Features

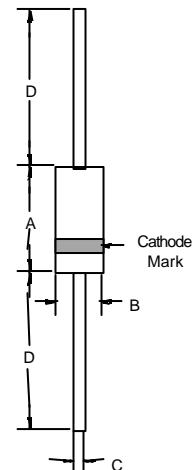
- Low Switching Noise and Low Forward Voltage Drop
High Current Capability and High Surge Current Capability
Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates
RoHS Compliant. See ordering information)
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1

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



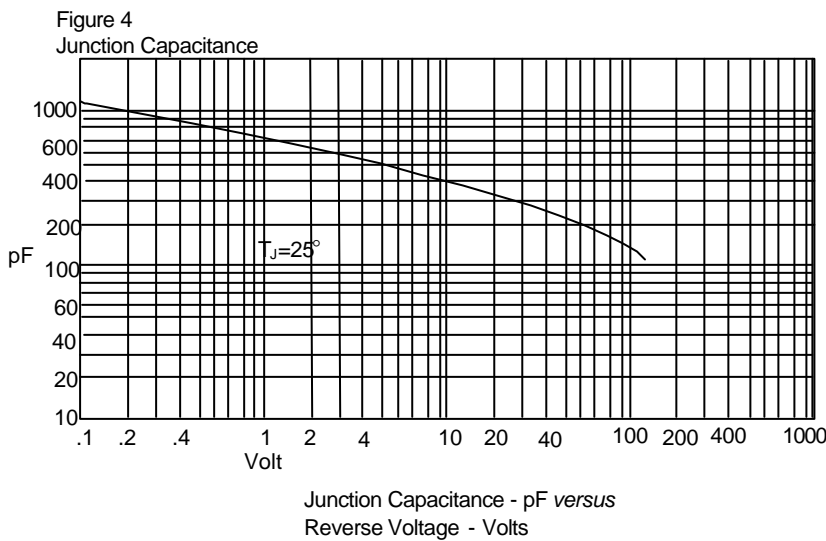
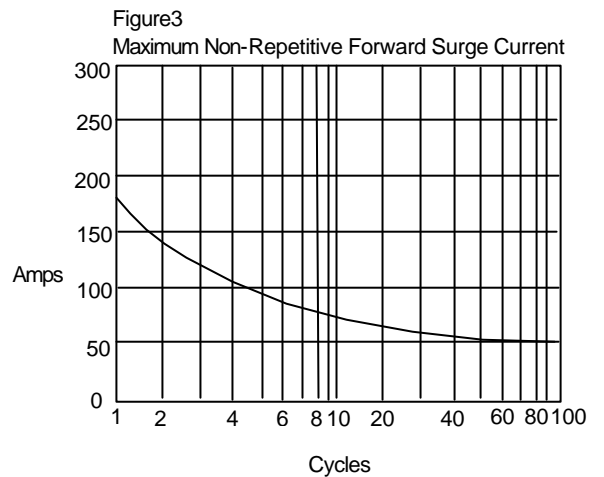
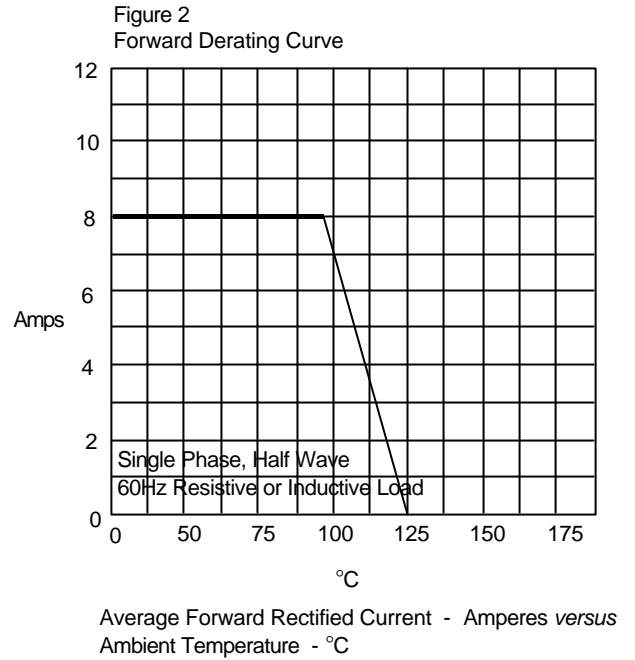
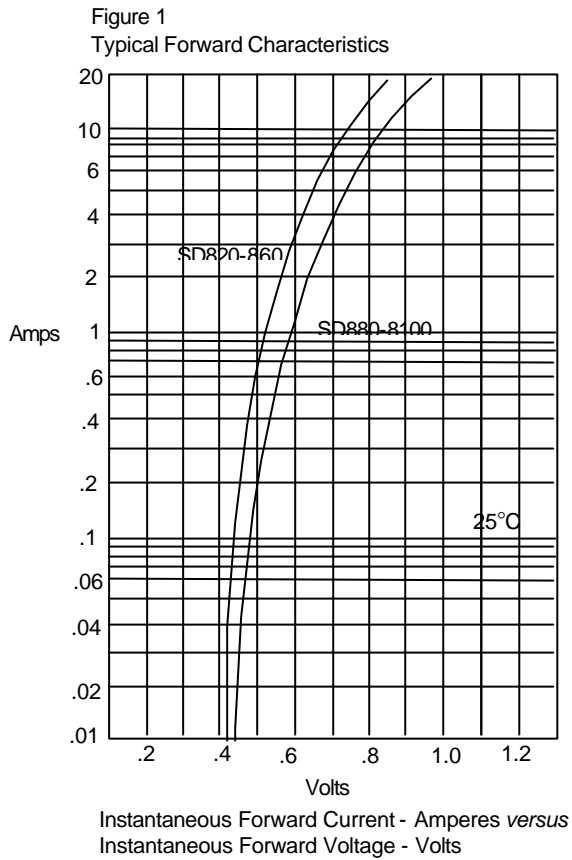
Electrical Characteristics @ 25°C Unless Otherwise Specified

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 with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), 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





TM

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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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