



THE DATASHEET OF SD103AX-TP





Micro Commercial Components



Micro Commercial Components
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SD103AX

200mW Small Signal
Schottky Diode
40 Volts

Features

- Guard Ring Construction for Transient Protection
Low Forward Voltage Drop
Lead Free Finish/RoHS Compliant ("P" Suffix
designates RoHS Compliant. See ordering information)
Marking : S4
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1
Halogen free available upon request by adding suffix "-HF"

Maximum Ratings

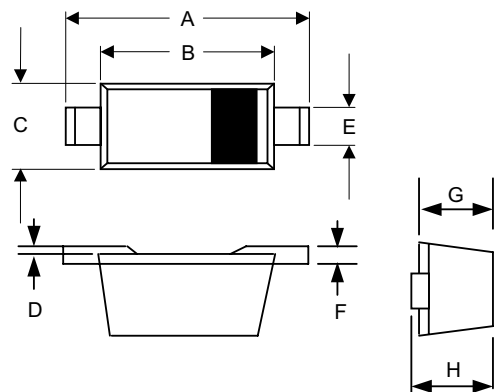
- Operating Temperature: -65°C to +125°C
Storage Temperature: -65°C to +125°C

Table with 4 columns: MCC Part Number, Maximum Recurrent Peak Reverse Voltage, Maximum RMS Voltage, Maximum DC Blocking Voltage. Row 1: SD103AX, 40V, 28V, 40V

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 Power Dissipation, Maximum Instantaneous Forward Voltage, Maximum DC Reverse Current, Typical Junction Capacitance, and Typical Reverse Recovery Time.

SOD-523



DIMENSIONS table with columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Rows A through H.

TYPICAL CHARACTERISTICS

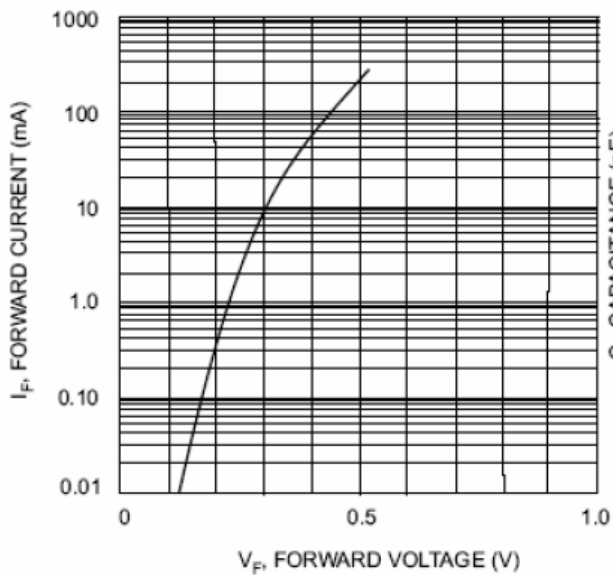


Fig. 1 Typical Forward Characteristics

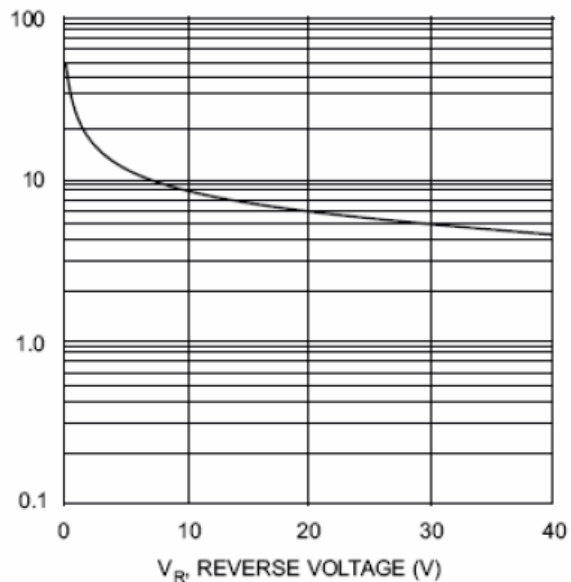


Fig. 2 Typ. Junction Capacitance vs Reverse Voltage



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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 8Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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