



Micro Commercial Components



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SD103AX

200mW Small Signal
Schottky Diode
40 Volts

Features

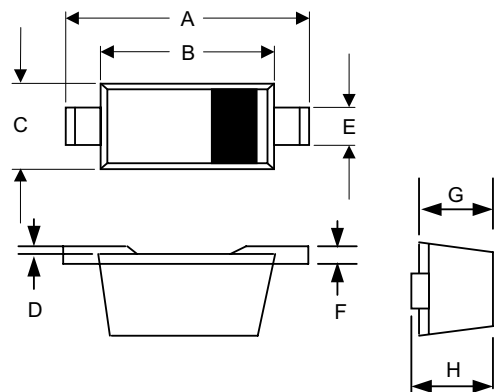
- Guard Ring Construction for Transient Protection
Low Forward Voltage Drop
Lead Free Finish/RoHS Compliant ("P" Suffix
designates RoHS Compliant. See ordering information)
Marking : S4
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1

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

SOD-523



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.

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

## TYPICAL CHARACTERISTICS

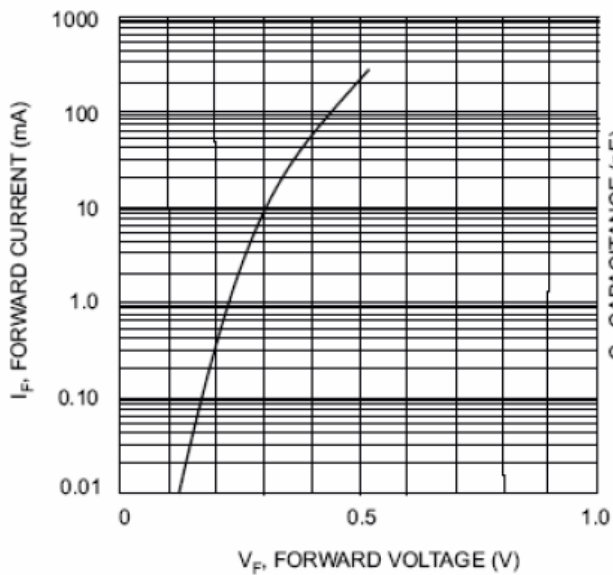


Fig. 1 Typical Forward Characteristics

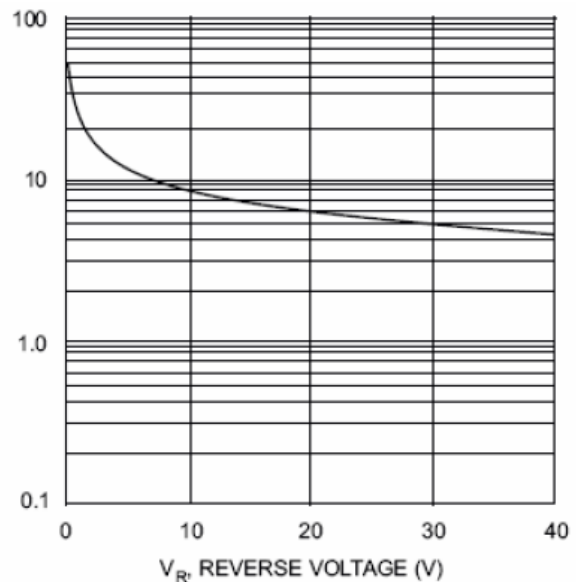


Fig. 2 Typ. Junction Capacitance vs Reverse Voltage



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### Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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