



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Micro Commercial Components



Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

SD103AWS
THRU
SD103CWS

Features

- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
Guard Ring Construction for Transient Protection
Negligible Reverse recovery time
Low Reverse Capacitance and Low Forward Voltage Drop
Marking : SD103AWS: S4 ,SD103BWS: S5 , SD103CWS: S6
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
Maximum Thermal Resistance; 300°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 SD103AWS, SD103BWS, and SD103CWS.

Electrical Characteristics @ 25°C Unless Otherwise Specified

Table with 4 columns: Parameter, Symbol, Value, and Notes. Parameters include Average Forward Current, Peak Forward Surge Current, Maximum Power Dissipation, Maximum Instantaneous Forward Voltage, Maximum DC Reverse Current At Rated DC Blocking Voltage, Typical Junction Capacitance, and Typical Reverse Recovery Time.

Note: 1.Valid provided that electrodes are kept at ambient Temperature

400mW Small Signal Schottky Diode
20 to 40 Volts

SOD-323

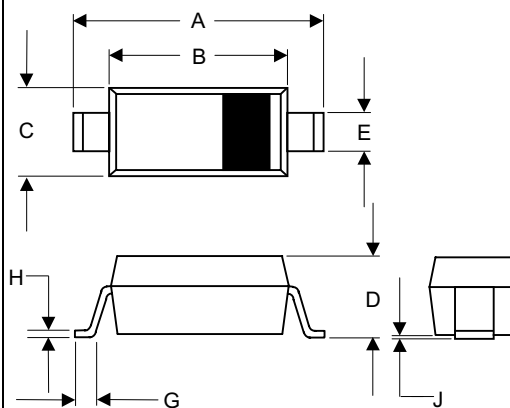
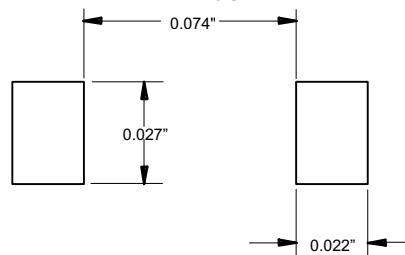


Table with 5 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Lists dimensions A through J.

SUGGESTED SOLDER PAD LAYOUT



SD103AWS thru SD103CWS

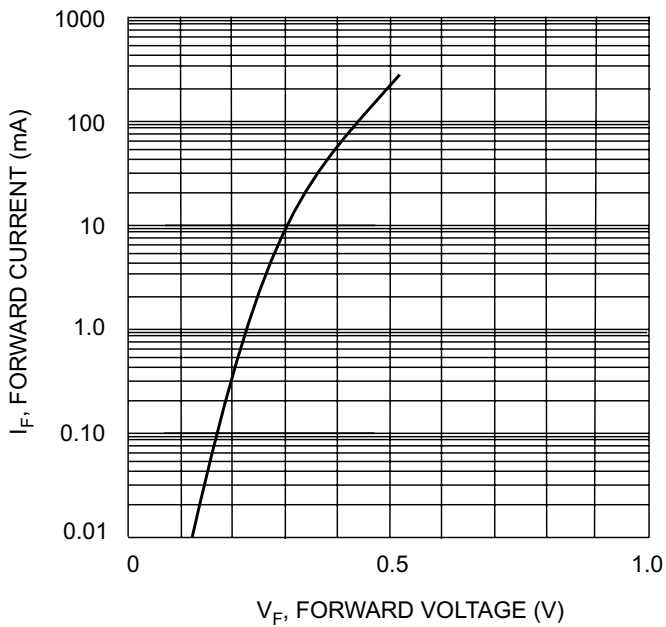


Fig. 1 Typical Forward Characteristics

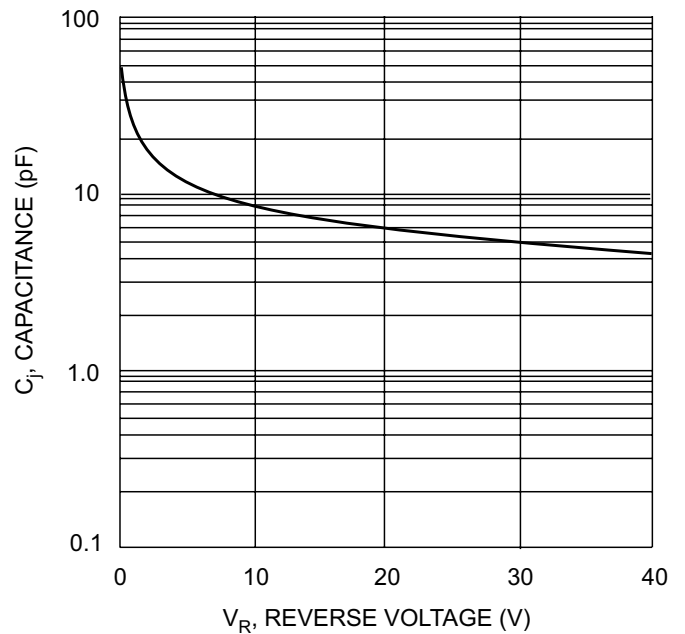


Fig. 2 Typ. Junction Capacitance vs Reverse Voltage



Micro Commercial Components

Ordering Information :

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

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