

SEMICONDUCTOR

200mW SOD-523 SURFACE MOUNT Very Small Outline Flat Lead Plastic Package Schottky Barrier Diode

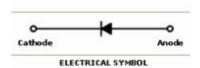
Absolute Maximum Ratings T_A = 25°C unless otherwise noted

Symbol	Parameter	arameter Value			
PD	Power Dissipation	200	mW		
T _{STG}	Storage Temperature Range	-55 to +125	°C		
TJ	Operating Junction Temperature	+125 °C			
V _R	Reverse Voltage	30	V		
I _{F(AV)}	Average Forward Current	200	mA		

These ratings are limiting values above which the serviceability of the diode may be impaired.

Green Product





Specification Features:

- Low Forward Voltage Drop
- Flat Lead SOD-523 Small Outline Plastic Package
- Extremely Small SOD-523 Package
- Surface Device Type Mounting
- RoHS Compliant
- Green EMC
- Matte Tin(Sn) Lead Finish
- Band Indicates Cathode

Electrical Characteristics T_A = 25°C unless otherwise noted

Symbol	Parameter	Test Condition	Limits		Unit
			Min	Max	Unit
Bv	Breakdown Voltage	I _R =500μΑ	30		Volts
I _R	Reverse Leakage Current	V _R =10V		30	μA
VF	Forward Voltage	I _F =200mA		0.5	Volts

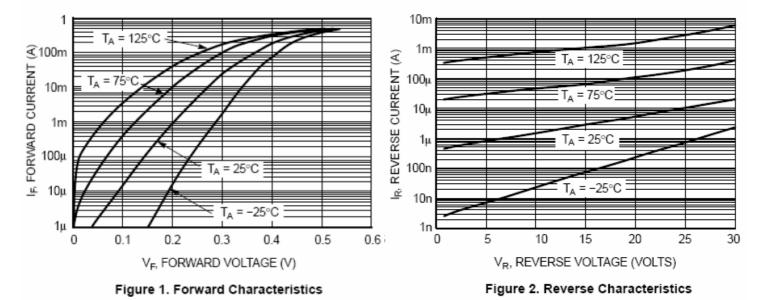
DEVICE MARKING CODES:

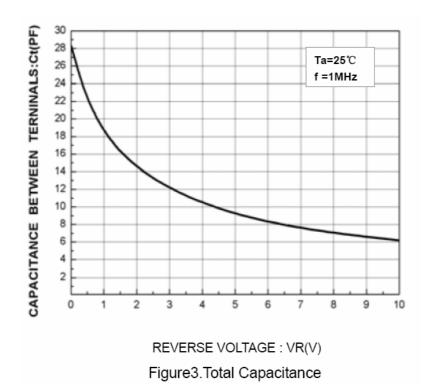
Device Type	Device Marking
TCRB521S-30	2B



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Flat Lead SOD-523 Package Outline

