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# RB521S-30

## Features

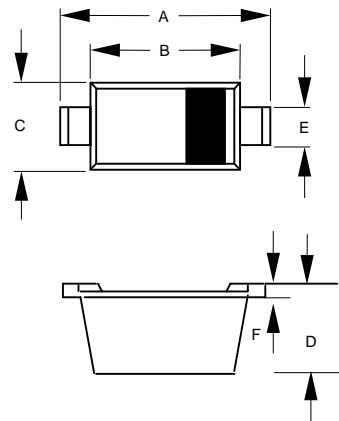
- Case Material: Molded Plastic. UL Flammability Classificatio Rating 94-0 and MSL Rating 1
- High Reliability
- Low Reverse Current and Low Forward Voltage.
- Small Surface Mount Type
- Marking :C
- Lead Free Finish/RoHS Compliant("P" Suffix designates RoHS Compliant. See ordering information)

**200 mA**  
**Schottky Barrier Diode**  
**30 Volts**

## Maximum Ratings

Symbol	Rating	Rating	Unit
$V_R$	DC Reverse Voltage	30	V
$I_O$	Mean Rectifying Current	200	mA
$I_{FSM}$	Peak Forward Surge Current*	1	A
$T_J$	Junction Temperature	125	°C
$T_{STG}$	Storage Temperature	-40 to +125	°C

## SOD-523



## Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Typ	Max	Units
$V_F$	Forward Voltage ( $I_F=200\text{mA}_{dc}$ )	---	---	0.5	Vdc
$I_R$	Reverse Current ( $V_R=10\text{V}_{dc}$ )	---	---	30	$\mu\text{A}_{dc}$

DIMENSIONS			
DIM	INCHES	MM	NOTE
	Type	Type	
A	.063	1.60	
B	.472	1.20	
C	.032	0.80	
D	.026	0.65	
E	.012	0.30	
F	.004	0.10	

### Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel;3Kpcs/Reel

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