

TM

RB520S-40

Features

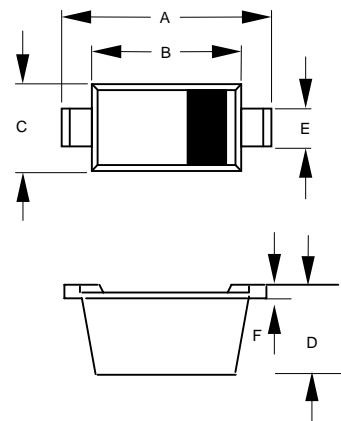
- Case Material: Molded Plastic. UL Flammability Classificatio Rating 94-0 and MSL Rating 1
- High Reliability
- Low Reverse Current and Low Forward Voltage.
- Small Surface Mount Type
- Marking : D
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)

200 mA
Schottky Barrier Diode
40 Volts

Maximum Ratings

Symbol	Rating	Rating	Unit
V_R	DC Reverse Voltage	40	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

Parameter	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage @ $I_F=100mA$ @ $I_F=10mA$	V_F	---	---	0.55 0.39	V
Reverse Current @ $V_R=10V$ @ $V_R=40V$	I_R	---	---	1 10	uA

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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