



Micro Commercial Components

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RB520S-30LP

100 mA
Schottky Rectifier
30 Volts

Features

- Small surface mounting type
- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0 and MSL Rating 1
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Marking:E



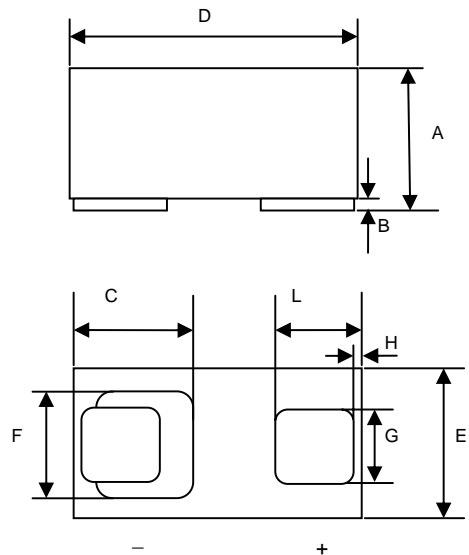
Maximum Ratings

Symbol	Rating	Rating	Unit
V_R	DC Reverse Voltage	30	V
I_O	Mean Rectifying Current	100	mA
I_{FSM}	Peak Forward Surge Current*	0.5	A
T_J	Junction Temperature	125	°C
T_{STG}	Storage Temperature	-40 to +125	°C

Electrical Characteristics @ 25°C Unless Otherwise Specified

Symbol	Parameter	Min	Typ	Max	Units
V_F	Forward Voltage ($I_F=10mA_{dc}$)	---	---	0.45	Vdc
I_R	Reverse Current ($V_R=10V_{dc}$)	---	---	0.5	uA _{dc}

SOD-882



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.018	0.022	0.45	0.55	
B	0.000	0.003	0.01	0.07	
C	0.018REF.		0.450REF.		
D	0.037	0.041	0.95	1.05	
E	0.022	0.026	0.55	0.65	
F	0.016 REF.		0.400 REF.		
G	0.011	0.013	0.275	0.325	
H	0.000 REF.		0.010 REF.		
L	0.011	0.013	0.275	0.325	

Typical Characteristics

●Electrical characteristic curves (Ta=25°C)

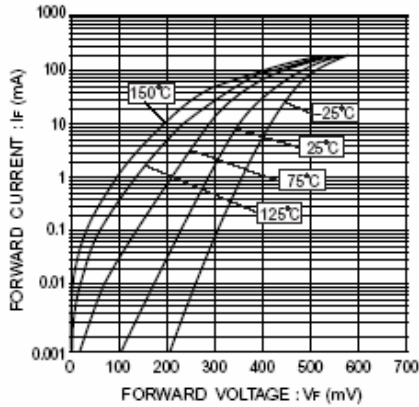


Fig.1 Forward characteristics

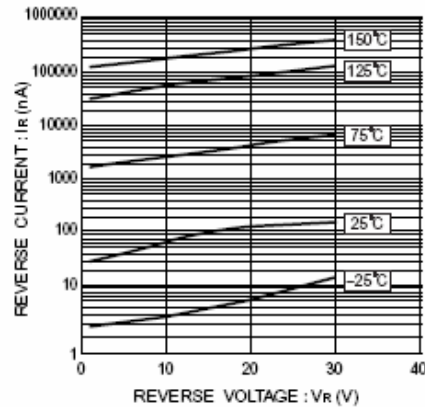


Fig.2 Reverse characteristics

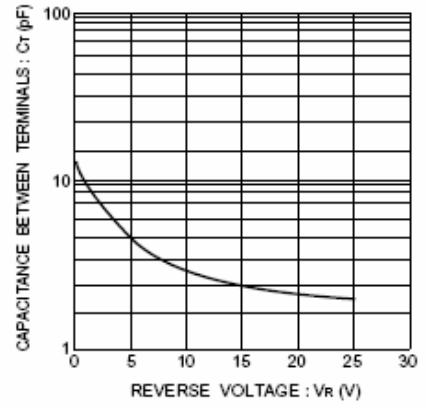


Fig. 3 Capacitance between terminals characteristics



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Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel;5Kpcs/Reel

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