



RB520S-30L2

100 mA

Schottky Rectifier
30 Volts

Features

- Small surface mounting type
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Marking:E1
- Halogen free available upon request by adding suffix "-HF"

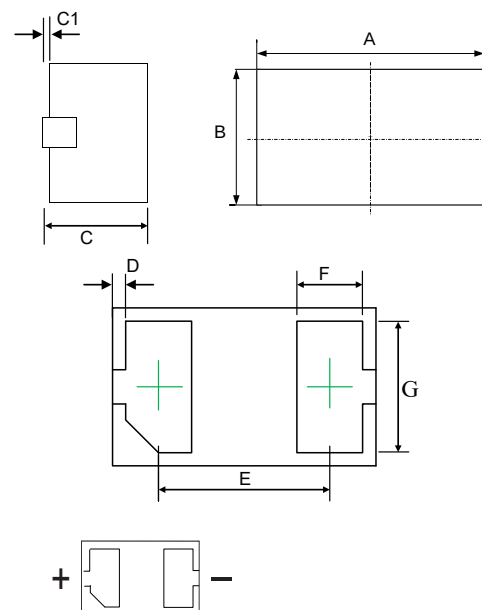
Maximum Ratings

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 ($I_F=10\text{mA}$)	---	---	0.45	Vdc
I_R	Reverse Current ($V_R=10\text{Vdc}$)	---	---	0.5	μA

DFN1006-2L



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.037	0.041	0.95	1.05	
B	0.022	0.026	0.55	0.65	
C	0.016	0.020	0.40	0.50	
C1	---	0.002	---	0.05	
D	0.001	0.003	0.02	0.08	
E	0.026BSC		0.65BSC		
F	0.008	0.012	0.20	0.30	
G	0.018	0.022	0.45	0.55	

Typical Characteristics

●Electrical characteristic curves (Ta=25°C)

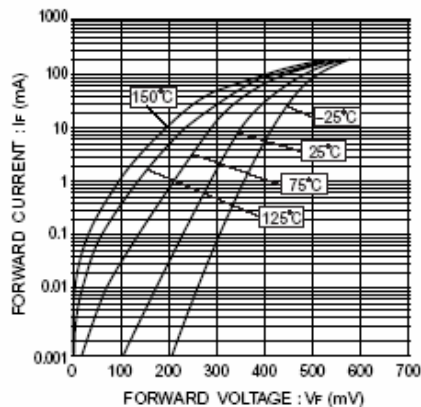


Fig.1 Forward characteristics

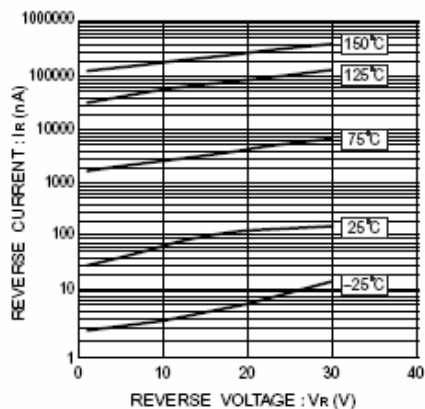


Fig.2 Reverse characteristics

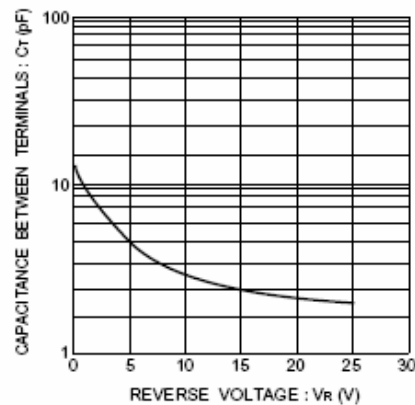


Fig. 3 Capacitance between terminals characteristics

Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 10Kpcs/Reel

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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