Schottky barrier diode RB520G-30

Applications

Rectifying small power.

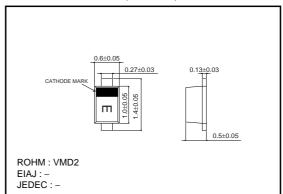
Features

- 1) Ultra small mold type. (VMD2)
- 2) High reliability.

Construction

Silicon epitaxial planar

●External dimensions (Unit : mm)



● Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
DC reverse voltage	VR	30	V
Mean rectifying current	lo	100	mA
Forward peak surge current (60Hz •1cyc.)	IFSM	500	mA
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

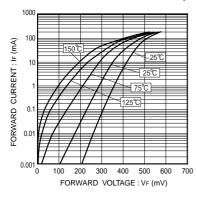
^{* 60}Hz, 1—

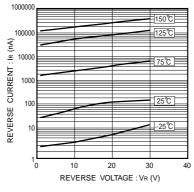
●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	VF	-	-	0.45	V	I==10mA
Reverse current	I R	_	_	0.5	μΑ	V _R =10V

 $[\]ast$ Please pay attention to static electricity when handling.

●Electrical characteristic curves (Ta=25°C)





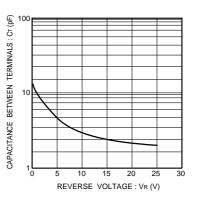


Fig.1 Forward characteristics

Fig.2 Reverse characteristics

Fig. 3 Capacotance between terminals characteristics

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