Schottky barrier diode RB520S-30

Applications

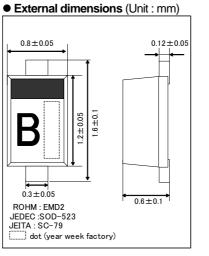
Low current rectification

Features

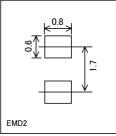
Ultra Small mold type. (EMD2)
Low I_R.
High reliability.

Construction

Silicon epitaxial planar



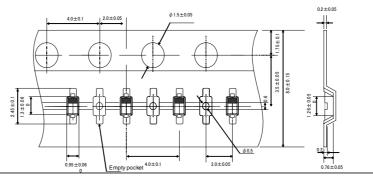
• Land size figure (Unit : mm)



Structure



• Taping specifications (Unit : mm)



•Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	V _R	30	V
Average rectified forward current	lo	200	mA
Forward current surge peak (60Hz · 1cyc)	I _{FSM}	1	А
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-40 to +125	C°

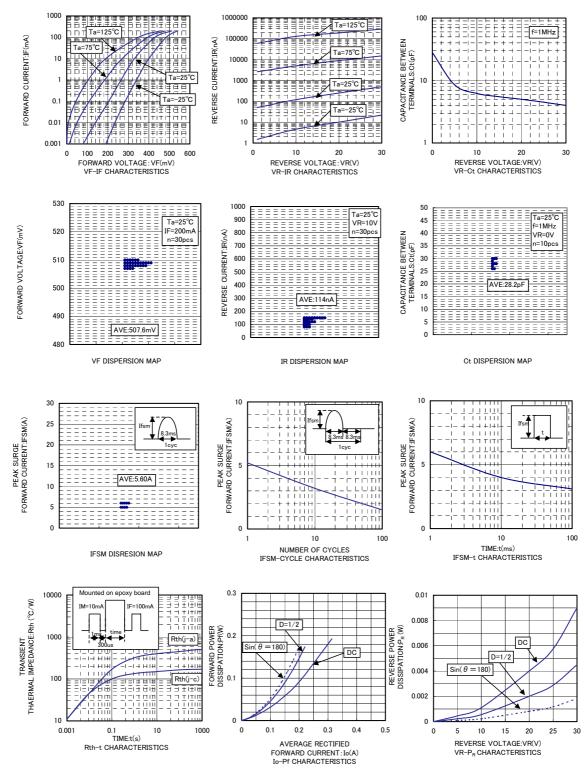
•Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F	-	-	0.6	V	I _F =200mA
Reverse current	I _R	-	-	1	μA	V _R =10V



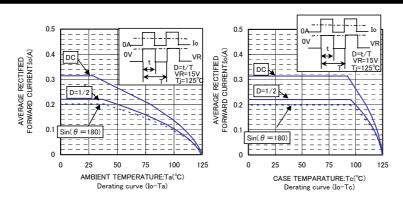
Diodes

Electrical characteristic curves (Ta=25°C)



ROHM

Diodes



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