Schottky barrier diode RB411D

Applications

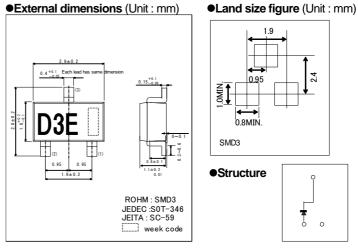
Low current rectification

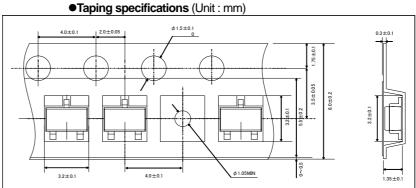
● Features

- 1) Small mold type. (SMD3)
- 2) Low IR
- 3) High reliability.

Construction

Silicon epitaxial planar





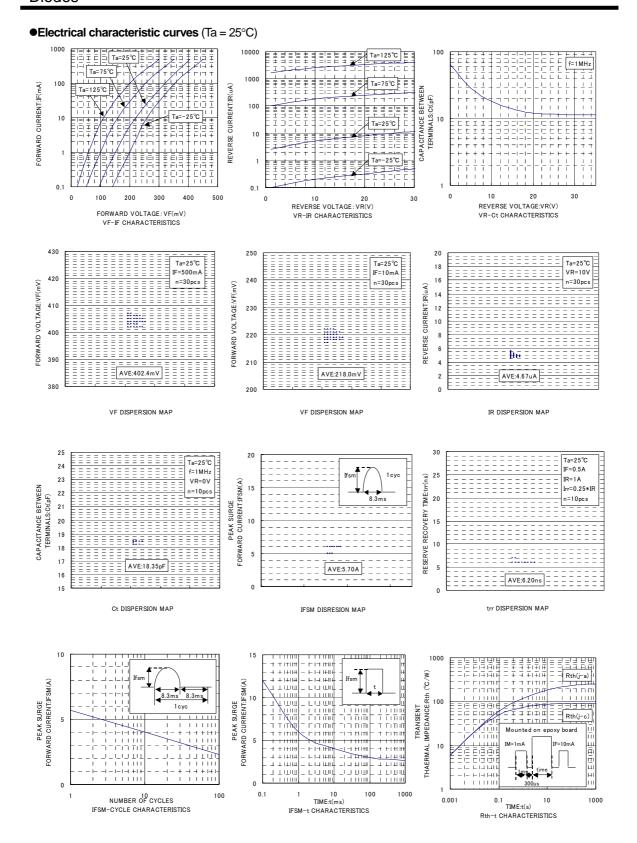
● Absolute maximum ratings (Ta = 25°C)

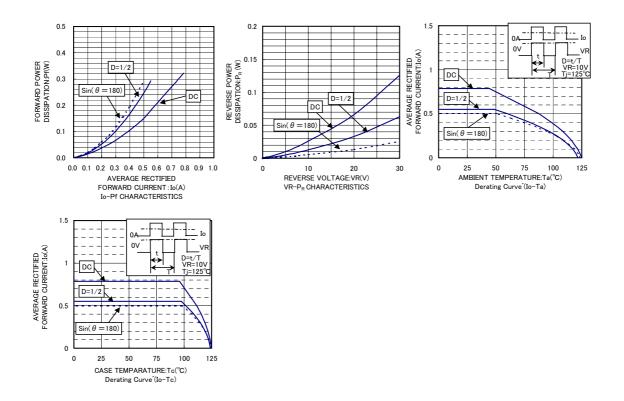
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V_{RM}	40	V
Reverse voltage (DC)	V_R	20	V
Average rectified forward current (*1)	lo	500	m A
Forward current surge peak (60Hz-1cyc) (*1)	I _{FSM}	3	Α
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

^(*1) Rating of per diode

●Electrical characteristics (Ta = 25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forwarad voltage	V _F 1	-	-	0.50	V	I _F =500m A
	V _F 2	-	-	0.30	V	I _F =10mA
Reverse current	I _R 1	-	-	30	μA	V _R =10V
Capacitance between terminal	Ct1	-	20	-	pF	V _R =10V , f=1MHz







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