Fast Recovery Diode

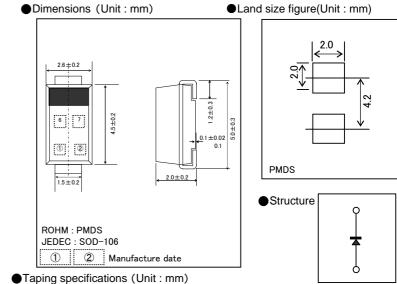
RF201L2S

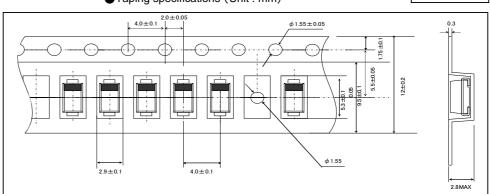
Applications

General rectification

- Features
- 1)Small power mold type. (PMDS)
- 2)Ultra low VF
- 3)Ultra high switching speed
- 4)Low switching loss
- ■Construction

Silicon epitaxial





● Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive)	V_{RM}	200	V
Reverse voltage (DC)	V_R	200	V
Average rectified forward current	lo	2	Α
Forward current surge peak (60Hz-1cyc)	I _{FSM}	20	Α
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

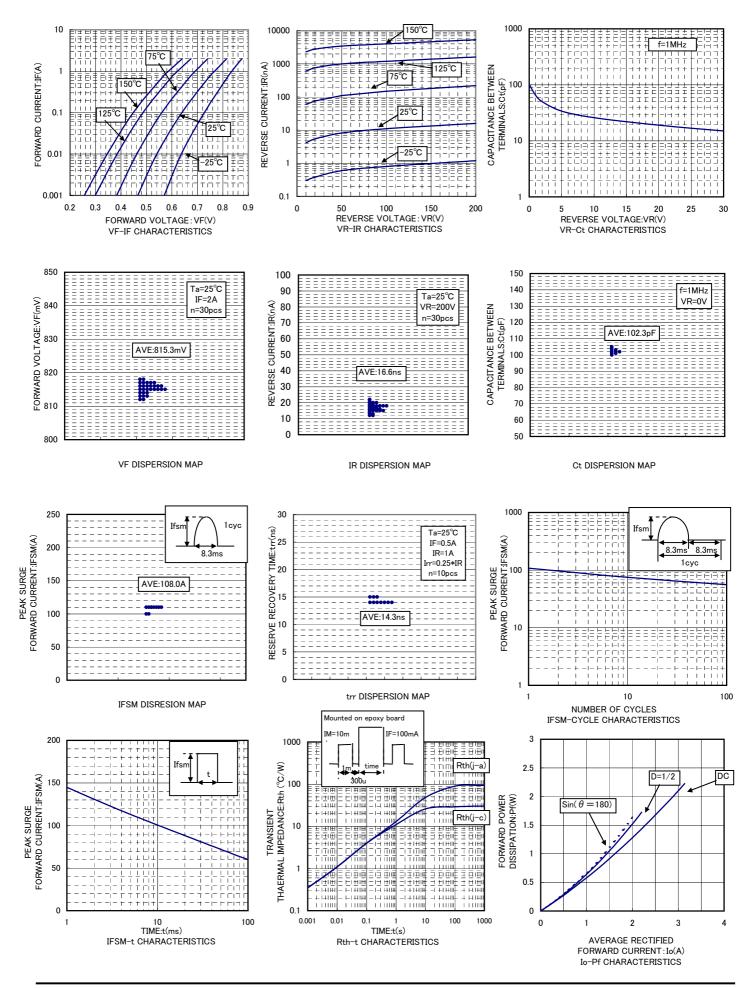
^(*1)Mounting on epoxi board. 180°Half sine wave

●Electrical characteristics(Ta=25°C)

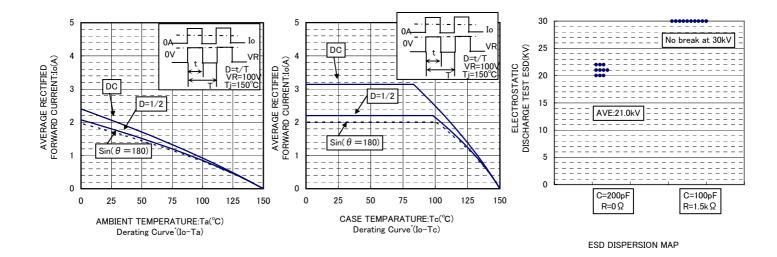
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	0.815	0.87	V	I _F =2.0A
Reverse current	I _R	-	0.01	10	μΑ	V _R =200V
Reverse recovery time	trr	-	14	25	ns	I _F =0.5A,I _R =1A,Irr=0.25*I _R



Diode RF201L2S



Diode RF201L2S



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