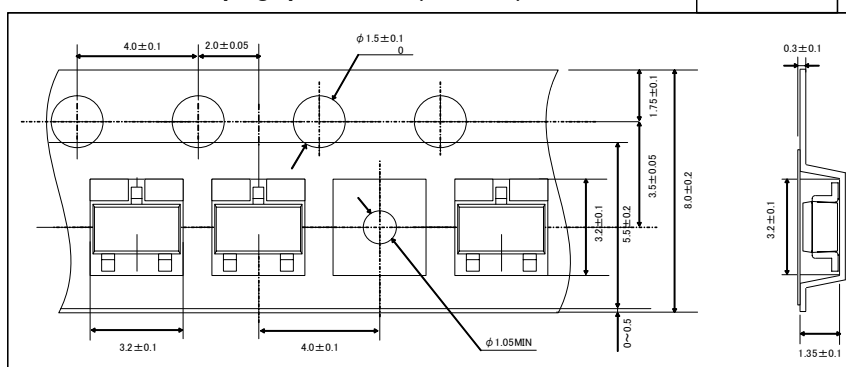
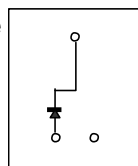
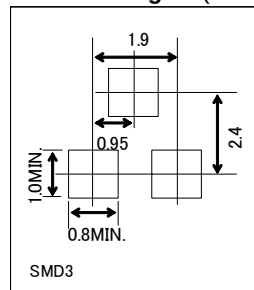
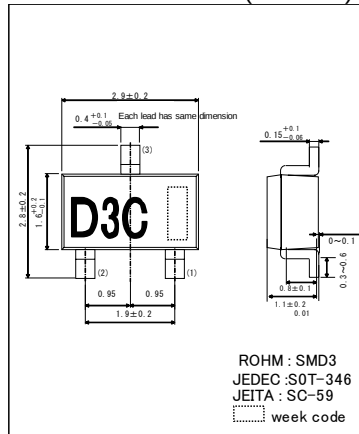


RB421D

Low power rectification

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

Silicon epitaxial planar

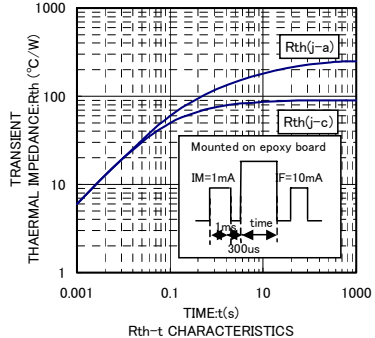
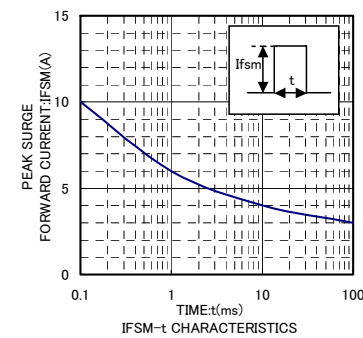
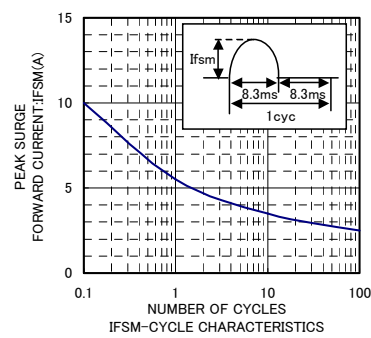
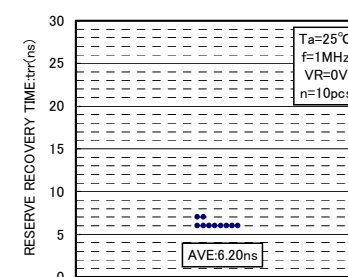
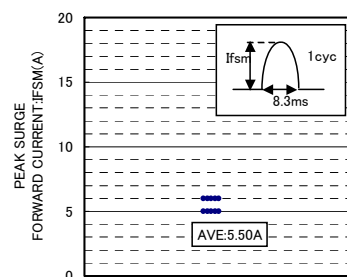
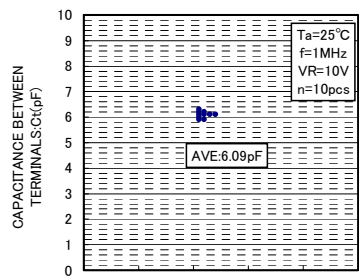
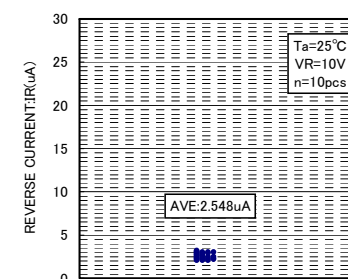
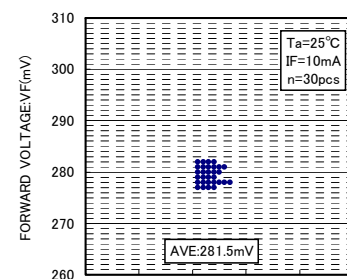
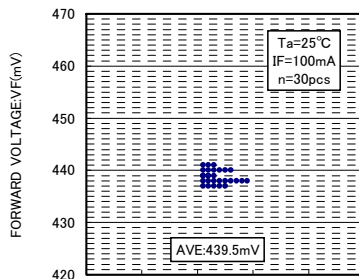
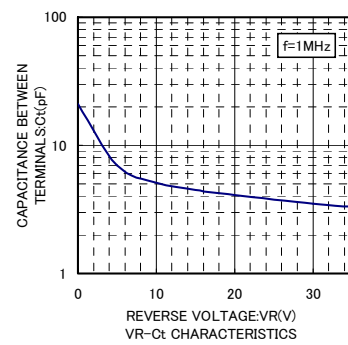
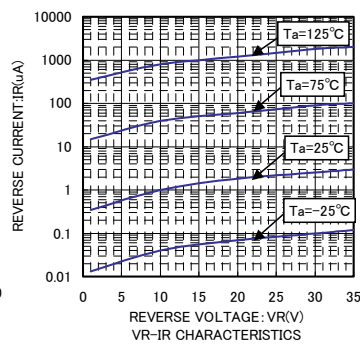
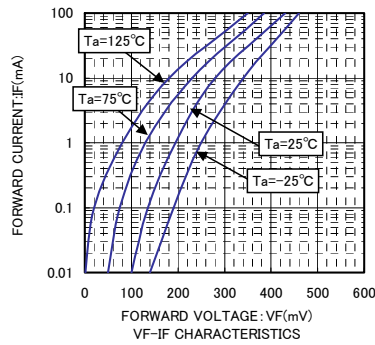


Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V_{RM}	40	V
Reverse voltage (DC)	V_R	40	V
Average rectified forward current (*1)	I_o	100	mA
Forward current surge peak (60Hz•1cyc) (*1)	I_{FSM}	1	A
Junction temperature	T_j	125	°C
Storage temperature	T_{stg}	-40 to +125	°C

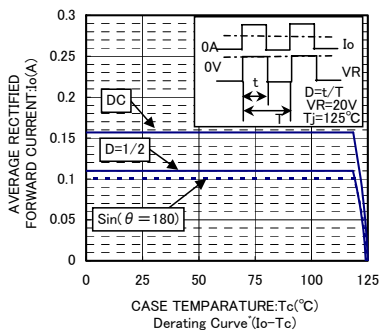
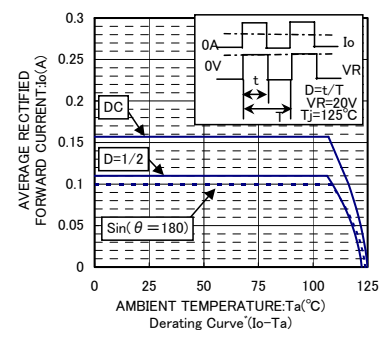
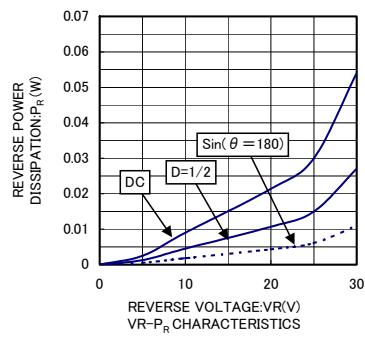
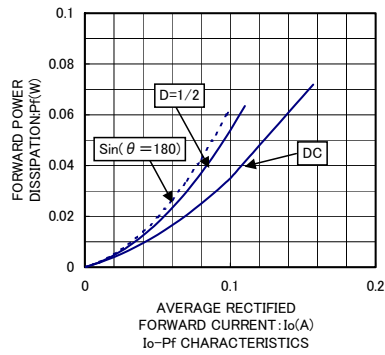
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V _{F1}	-	-	0.55	V	I _F =100mA
	V _{F2}	-	-	0.34	V	I _F =10mA
Reverse current	I _{R1}	-	-	30	μA	V _R =10V
Capacitance between terminals	Ct1	-	6	-	pF	V _R =10V, f=1MHz

Diodes

●Electrical characteristic curves (Ta = 25°C)



Diodes



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