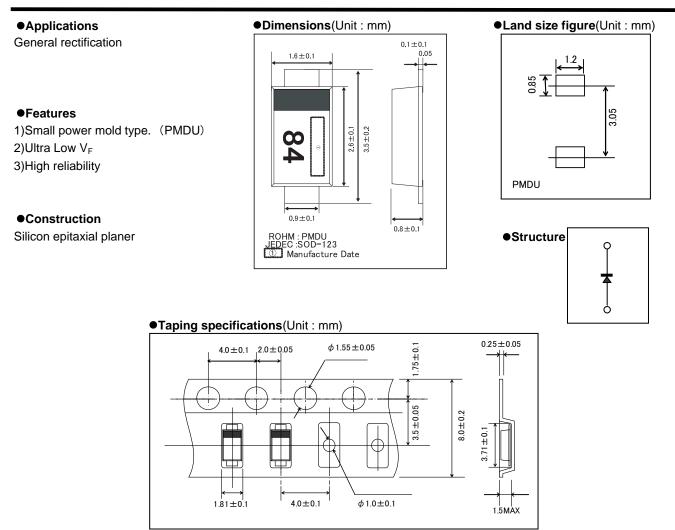


Schottky Barrier Diode

RB051M-2Y



●Absolute maximum ratings(Ta=25°C)

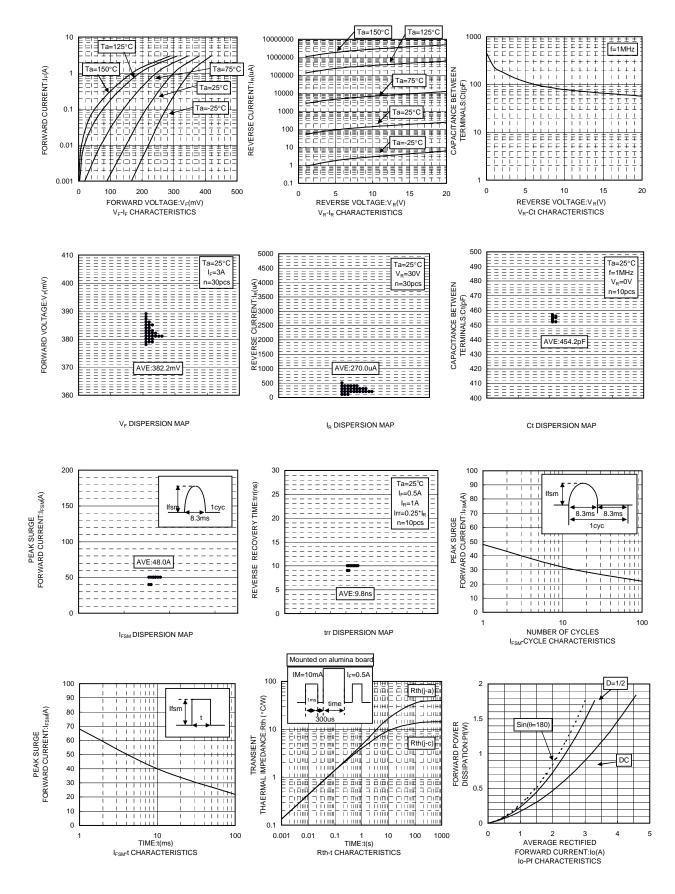
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive)	V _{RM}	20	V
Reverse voltage (DC)	V _R	20	V
Average rectified forward current(*1)	lo	3	А
Forward current surge peak (60Hz-1cyc)	I _{FSM}	30	А
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	О°

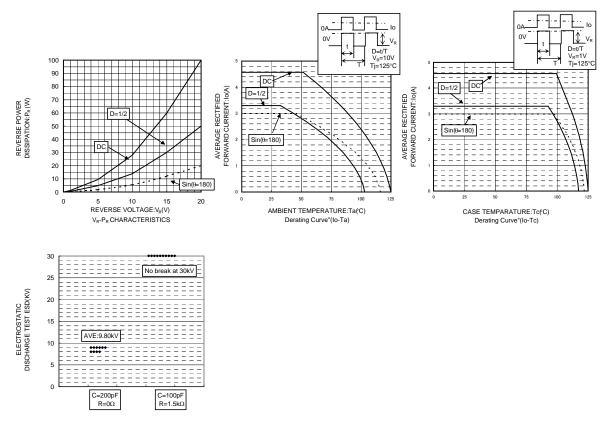
(*1)Mounting on alumina board. Tc=95°C Max.

•Electrical characteristics(Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F	-	-	0.46	V	I _F =3A
Reverse current	I _R	-	-	0.9	mA	V _R =20V

•Electrical characteristic curves





ESD DISPERSION MAP

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