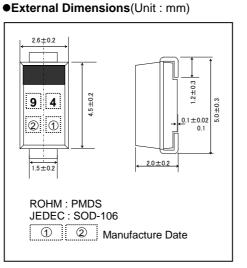


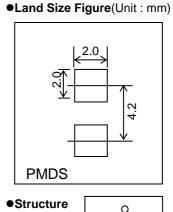
## Schottky Barrier Diode RB058L-40

•Applications General rectification

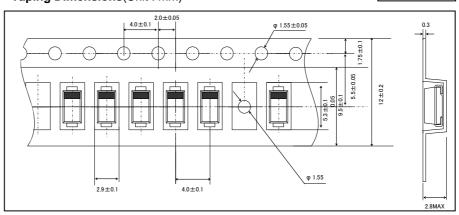
•Features 1)Small power mold type.(PMDS) 2)High reliability 3)AEC-Q101 qualified

•Construction Silicon epitaxial





## •Taping Dimensions(Unit : mm)



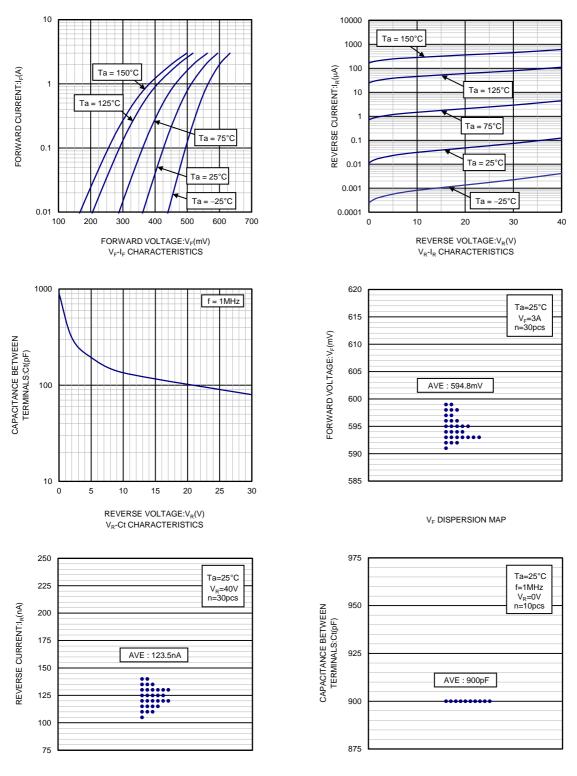
## ●Absolute Maximum Ratings(Ta=25°C)

Parameter	Symbol	Limits	Unit	
Reverse voltage (repetitive)	V <sub>RM</sub>	40	V	
Reverse voltage (DC)	V <sub>R</sub>	40	V	
Average rectified forward current (*1)	lo	3	А	
Forward current surge peak (60Hz · 1cyc)	I <sub>FSM</sub>	70	А	
Junction temperature	Tj	150	°C	
Storage temperature	Tstg	-55 to +150	°C	

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

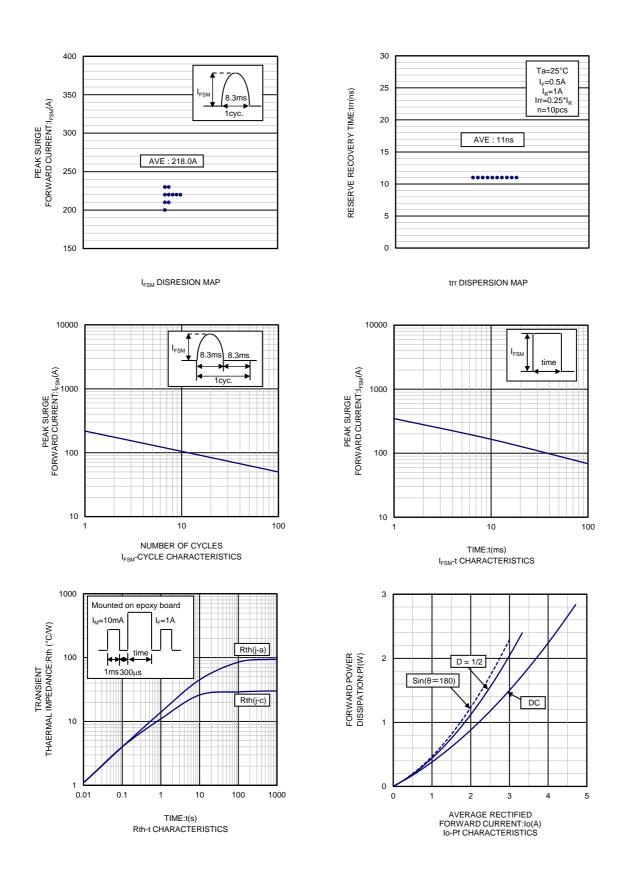
## •Electrical Characteristics(Ta=25°C)

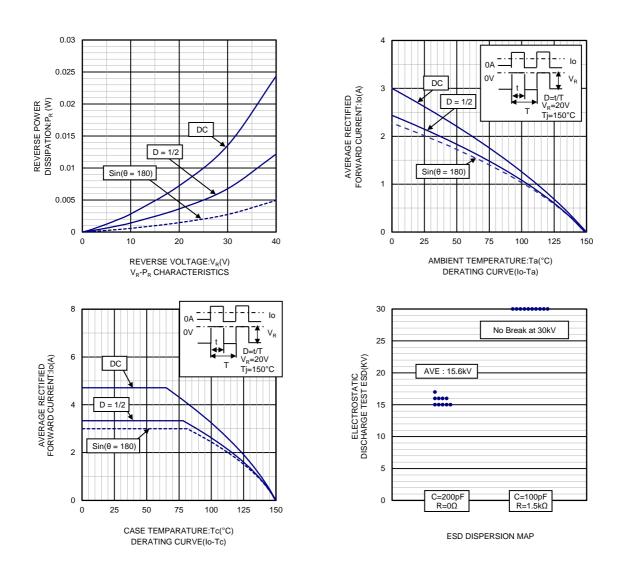
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V <sub>F</sub>	-	_	0.70	V	I <sub>F</sub> =3.0A
Reverse current	I <sub>R</sub>	-	-	5.0	μΑ	V <sub>R</sub> =40V



I<sub>R</sub> DISPERSION MAP

Ct DISPERSION MAP





	Notes
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