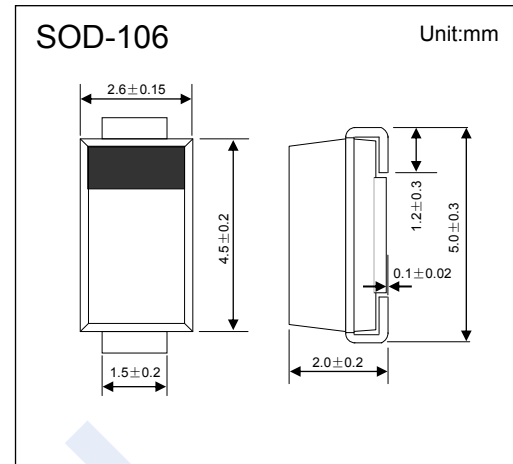
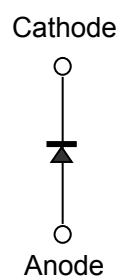


Schottky Diodes

RB056L-40

■ Features

- Small power mold type(PMDS)
- High reliability
- Low I_R

■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

Parameter	Symbol	Rating	Unit
Reverse Voltage	V_{RM}	40	V
Reverse Voltage	V_R	40	
Average Forward Rectified Current	I_O	3	A
Non-Repetitive Forward Current Surge Peak (Note.1)	I_{FSM}	70	
Junction Temperature	T_J	150	$^\circ\text{C}$
Storage Temperature range	T_{stg}	-40 to 150	

Note.1: 60Hz half sin wave, one cycle,non-repetitive at $T_J=25^\circ\text{C}$

■ Electrical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse breakdown voltage	V_R	$I_R = 100\text{ }\mu\text{A}$	40			V
Forward voltage	V_F	$I_F = 2\text{A}$			0.58	
		$I_F = 3\text{A}$			0.67	
Reverse voltage leakage current	I_R	$V_R = 40\text{V}$			50	μA

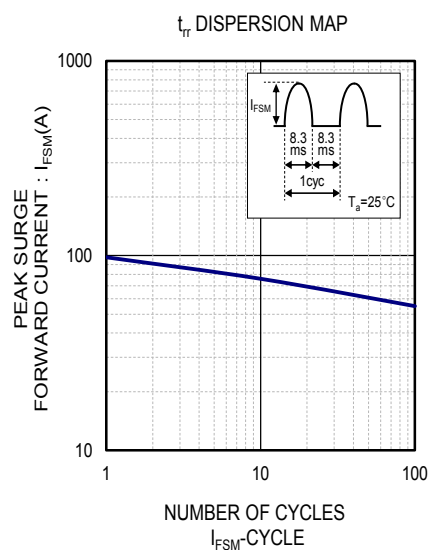
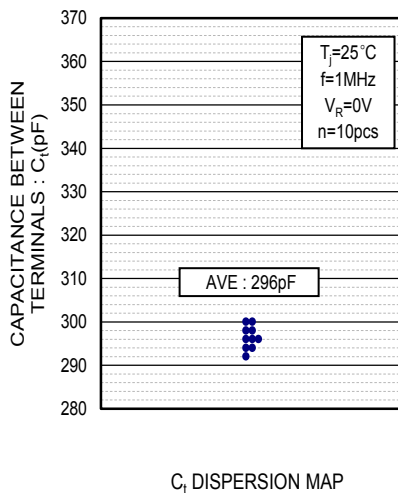
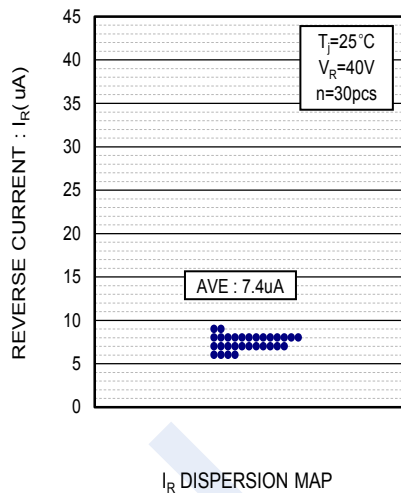
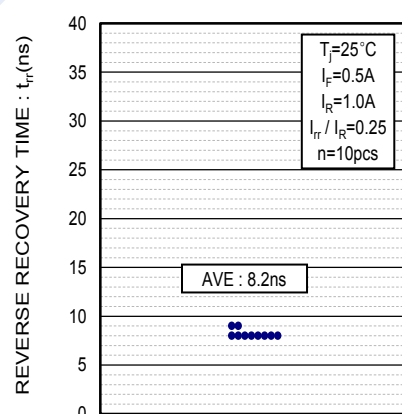
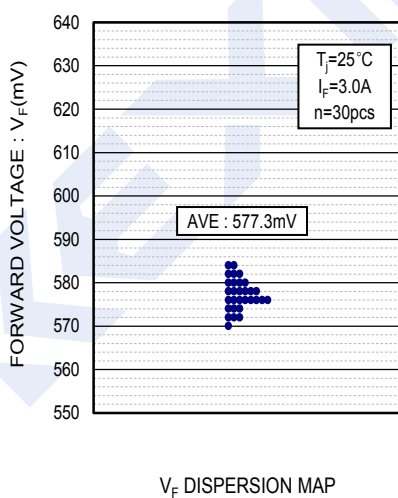
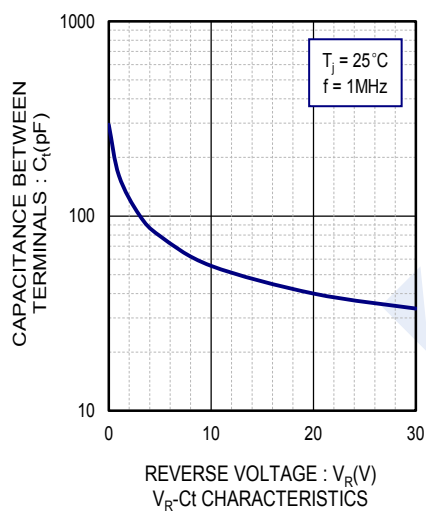
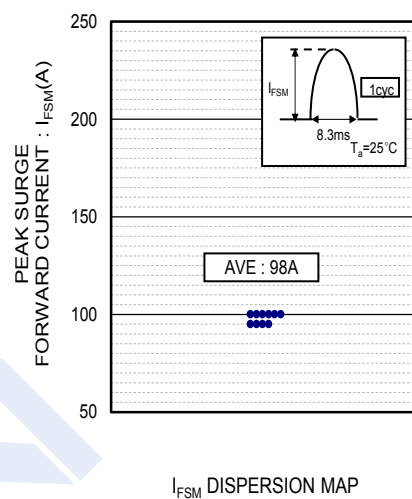
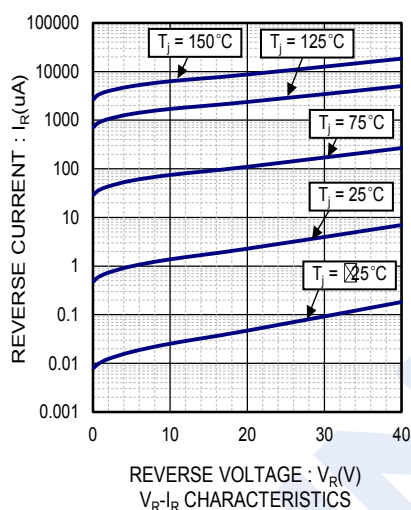
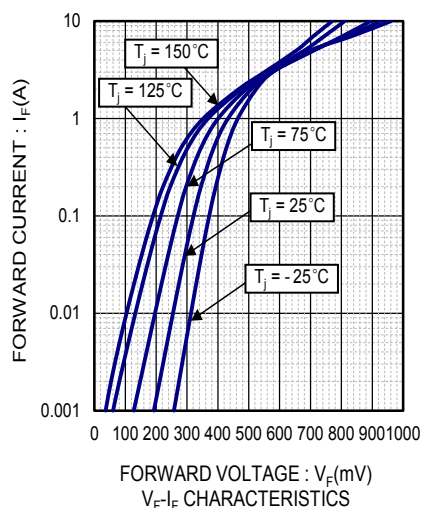
■ Marking

Marking	53
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Schottky Diodes

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■ Typical Characteristics



Schottky Diodes

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■ Typical Characteristics

