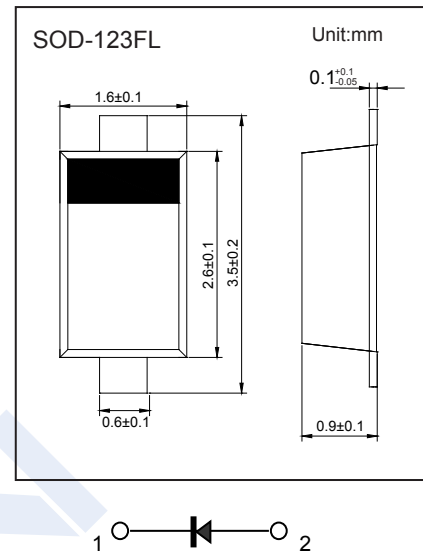


Schottky Diodes

RB162M-60 (KB162M-60)

■ Features

- Small Power mold type
- Cathode common dual type
- High reliability



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

Parameter	Symbol	Rating	Unit
Repetitive Peak Reverse Voltage	V_{RM}	60	V
Reverse Voltage	V_R	60	
Average Forward Rectified Current	I_O	1	A
Non-repetitive Forward Current Surge Peak	I_{FSM}	20	
Junction Temperature	T_J	150	$^\circ\text{C}$
Storage Temperature range	T_{stg}	-40 to 150	

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

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse breakdown voltage	V_R	$I_R = 100 \mu\text{A}$	60			V
Forward voltage	V_F	$I_F = 1 \text{ A}$			0.65	
Reverse voltage leakage current	I_R	$V_R = 60 \text{ V}$			100	μA

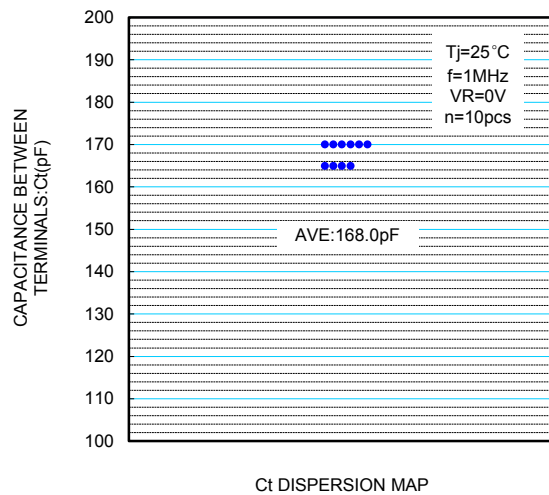
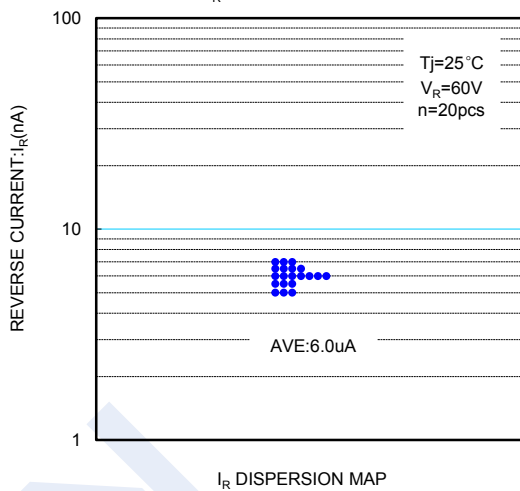
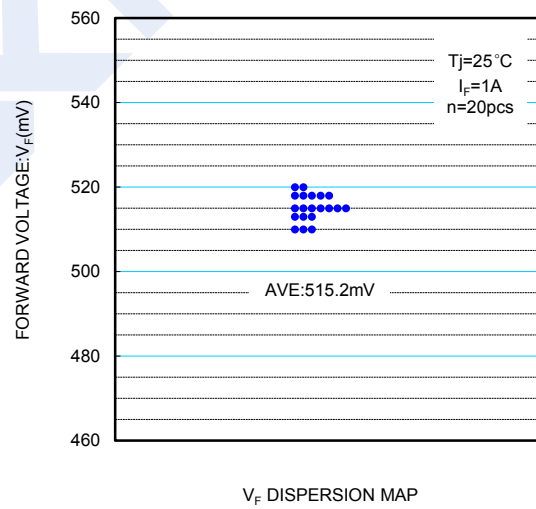
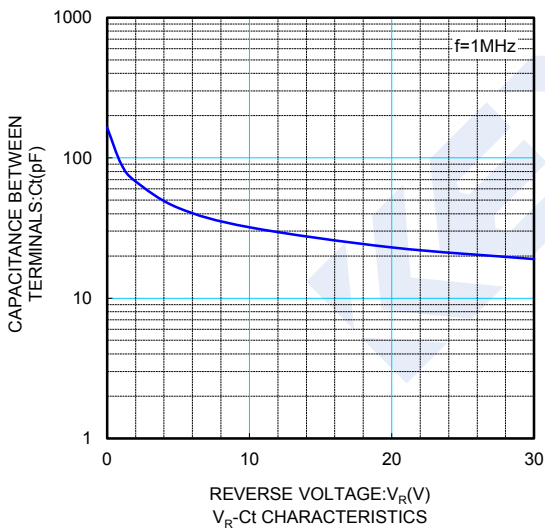
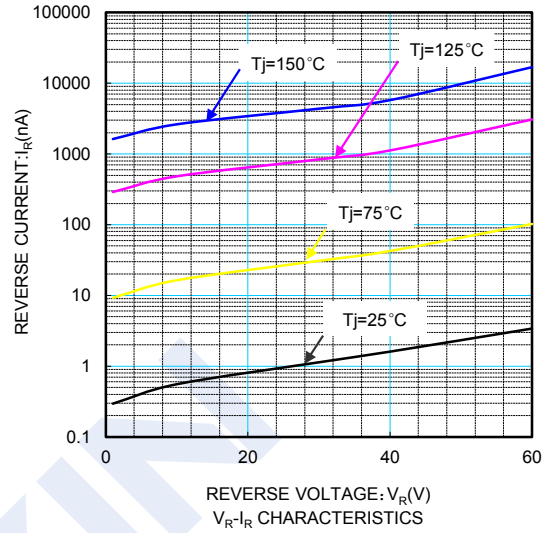
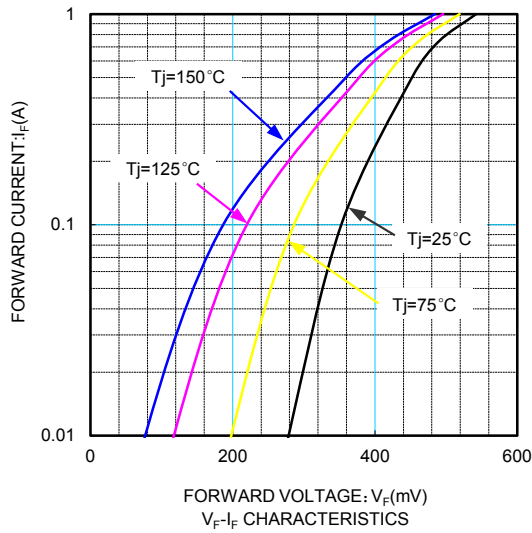
■ Marking

Marking	45
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Schottky Diodes

RB162M-60 (KB162M-60)

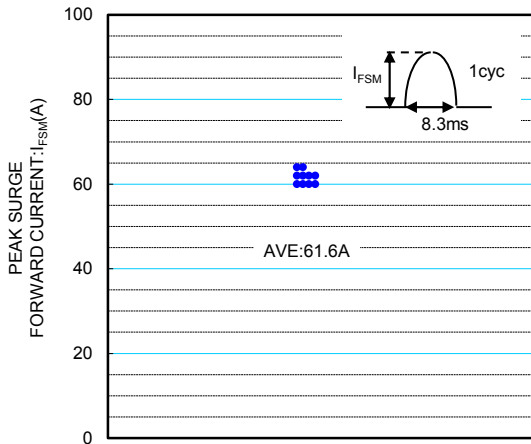
■ Typical Characteristics



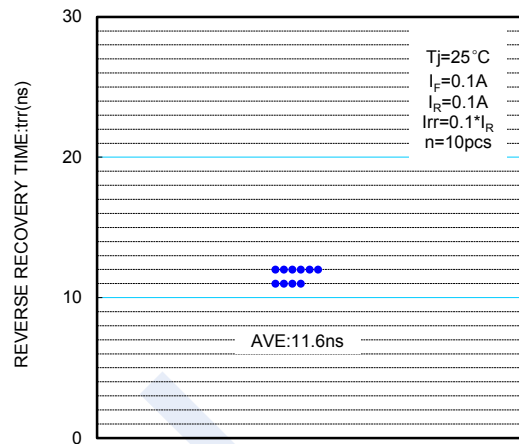
Schottky Diodes

RB162M-60 (KB162M-60)

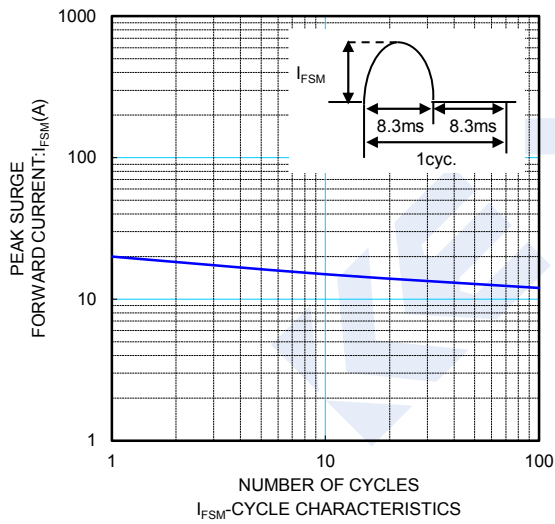
■ Typical Characteristics



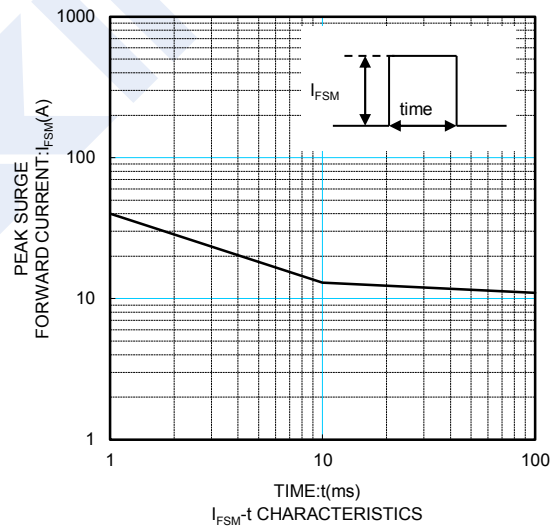
I_{FSM} DISPERSION MAP



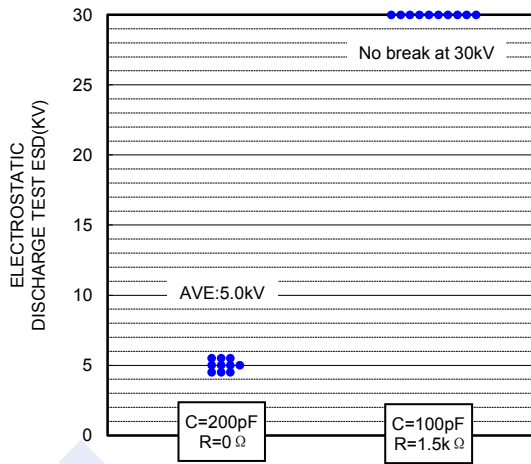
trr DISPERSION MAP



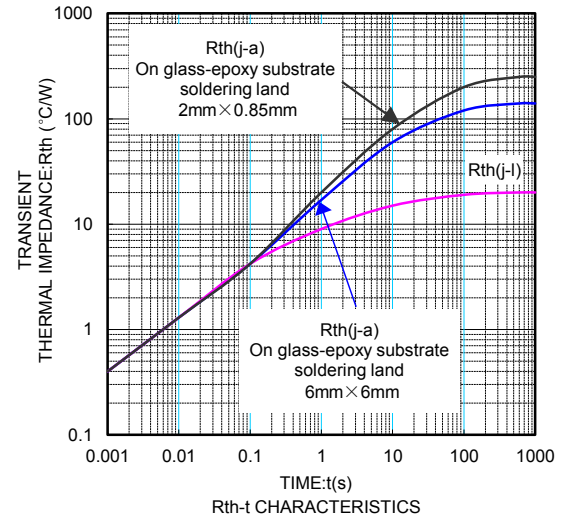
I_{FSM} -CYCLE CHARACTERISTICS



I_{FSM} -t CHARACTERISTICS



ESD DISPERSION MAP



R_{th} -t CHARACTERISTICS

Schottky Diodes

RB162M-60 (KB162M-60)

■ Typical Characteristics

