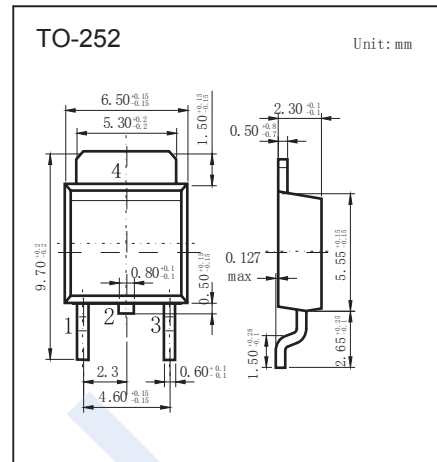
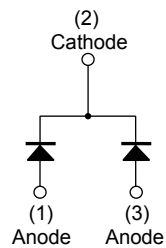


Schottky Diodes

RB095BM-30 (KB095BM-30)

■ Features

- Power mold type
- Cathode common dual type
- High reliability
- Low V_F

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

Parameter	Symbol	Rating	Unit
Repetitive Peak Reverse Voltage	V_{RM}	35	V
Reverse Voltage	V_R	30	
Average Forward Rectified Current	I_O	6	A
Non-repetitive Forward Current Surge Peak	I_{FSM}	50	
Thermal Resistance Junction to Case	$R_{th(J-C)}$	6	$^\circ\text{C} / \text{W}$
Junction Temperature	T_J	150	$^\circ\text{C}$
Storage Temperature range	T_{stg}	-40 to 150	

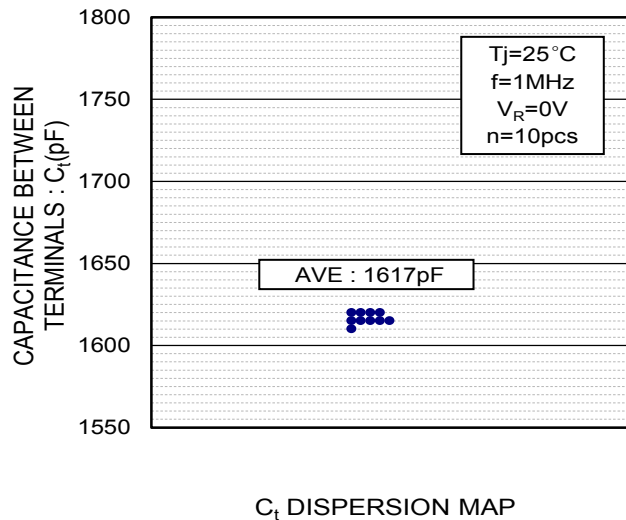
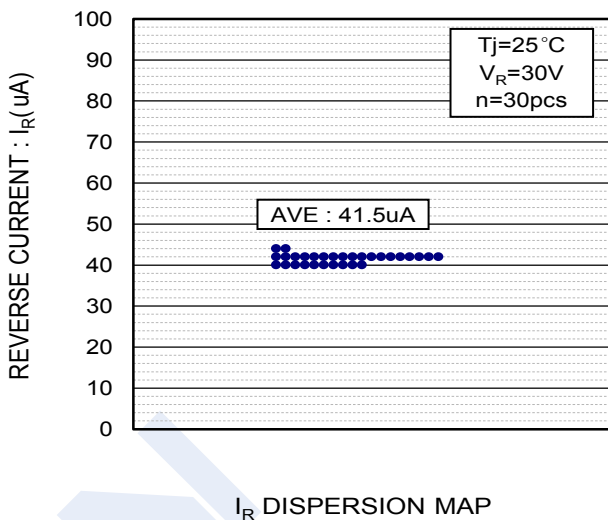
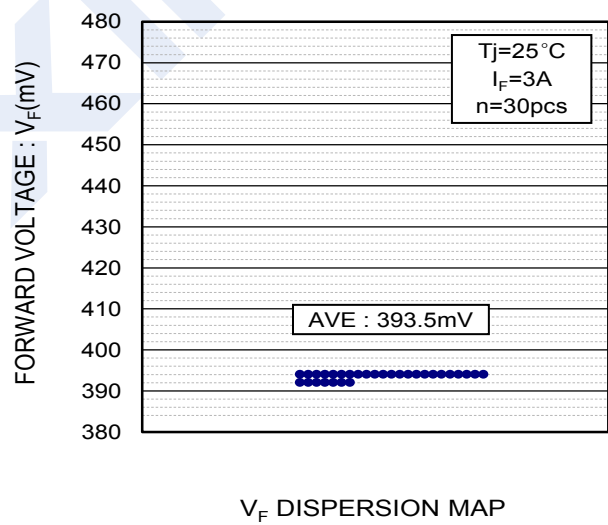
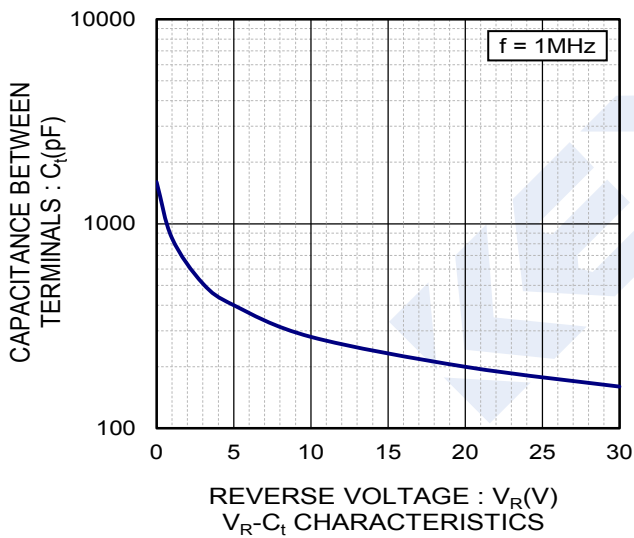
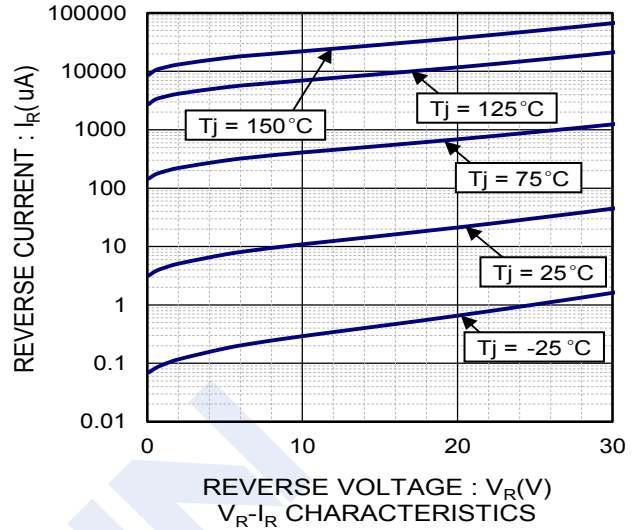
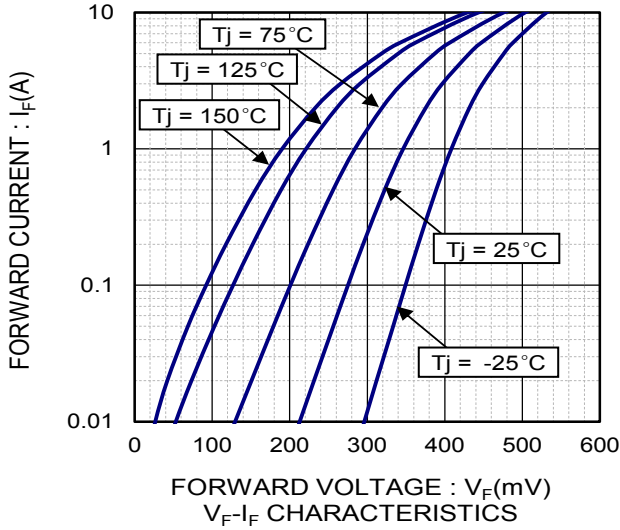
■ Electrical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse breakdown voltage	V_R	$I_R = 100 \mu\text{A}$	30			V
Forward voltage	V_F	$I_F = 3 \text{ A}$			0.425	
Reverse voltage leakage current	I_R	$V_R = 30 \text{ V}$			0.2	mA

Schottky Diodes

RB095BM-30 (KB095BM-30)

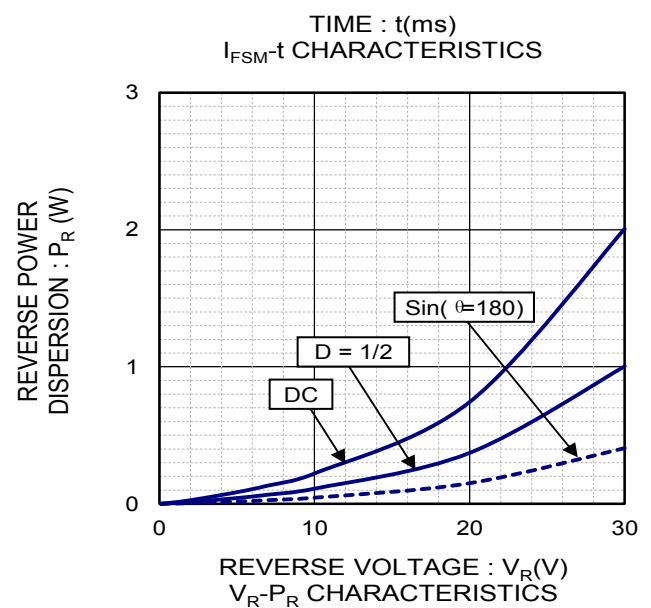
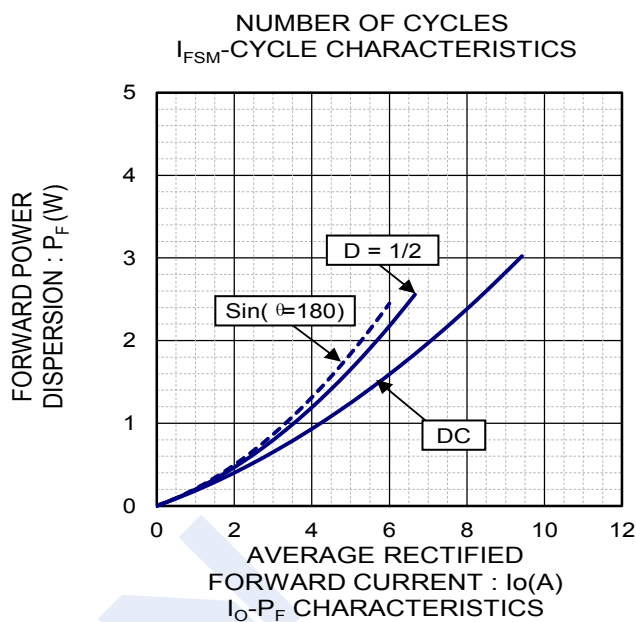
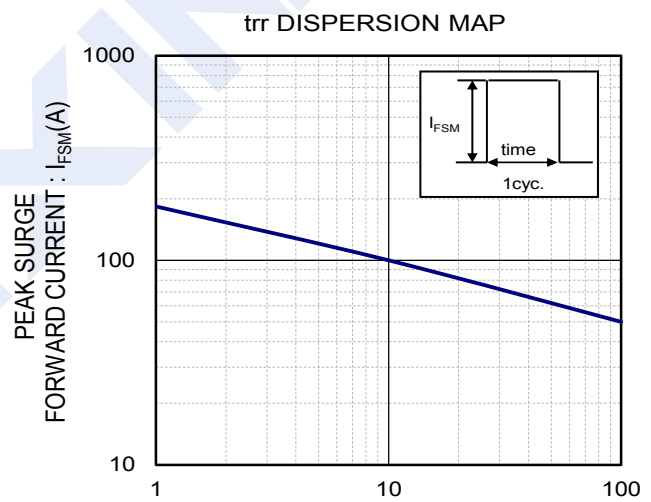
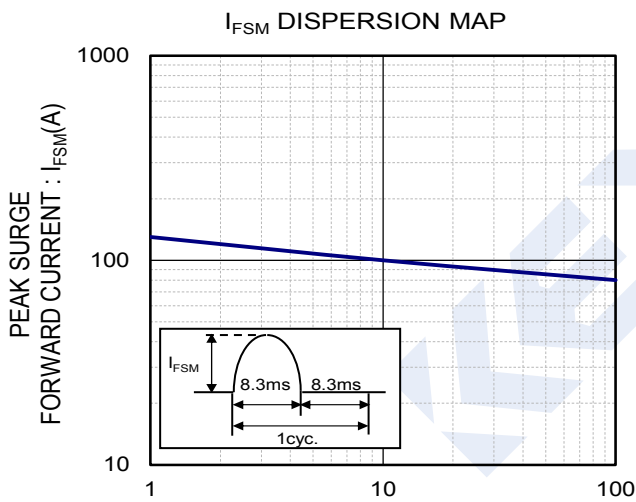
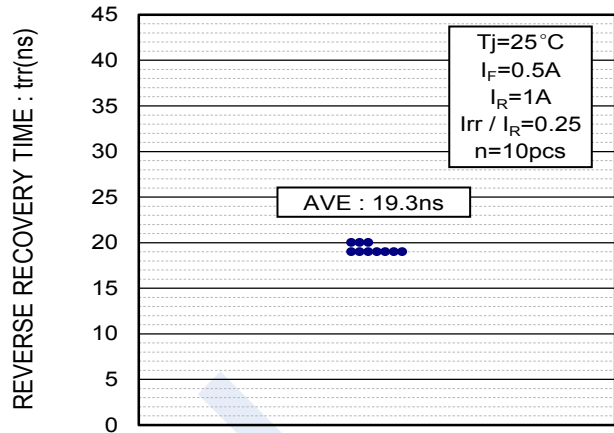
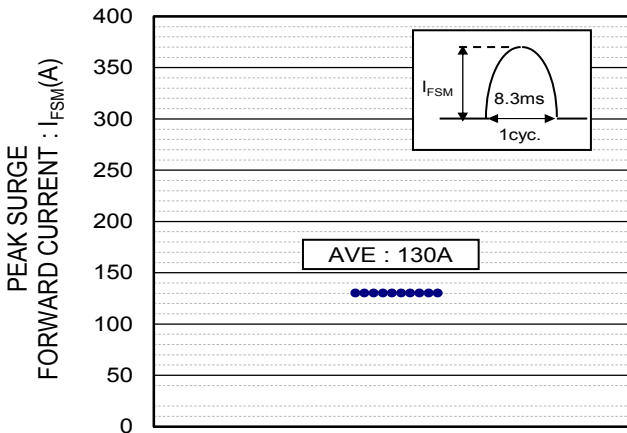
■ Typical Characteristics



Schottky Diodes

RB095BM-30 (KB095BM-30)

■ Typical Characteristics



Schottky Diodes

RB095BM-30 (KB095BM-30)

■ Typical Characteristics

