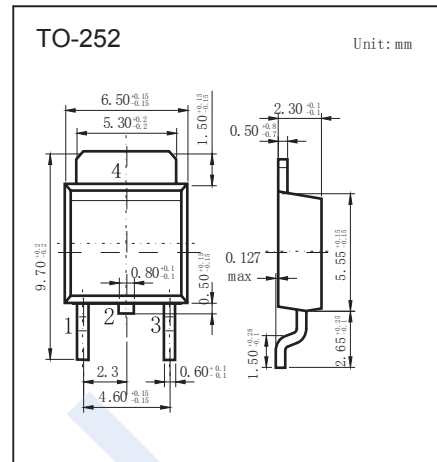
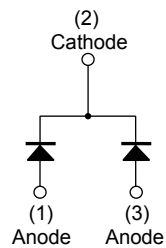


## Schottky Diodes

## 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	

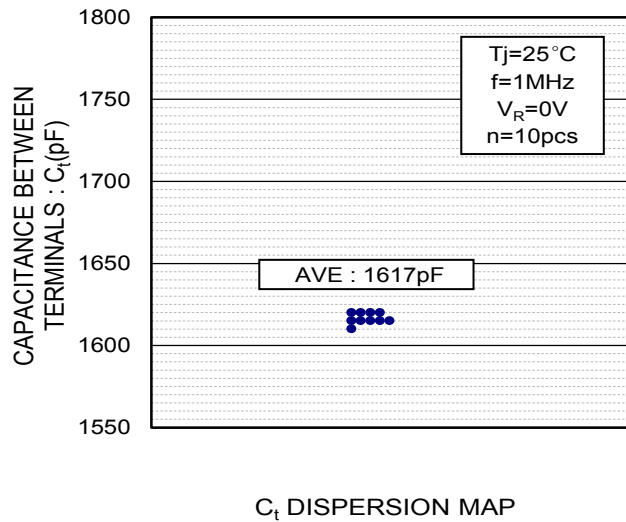
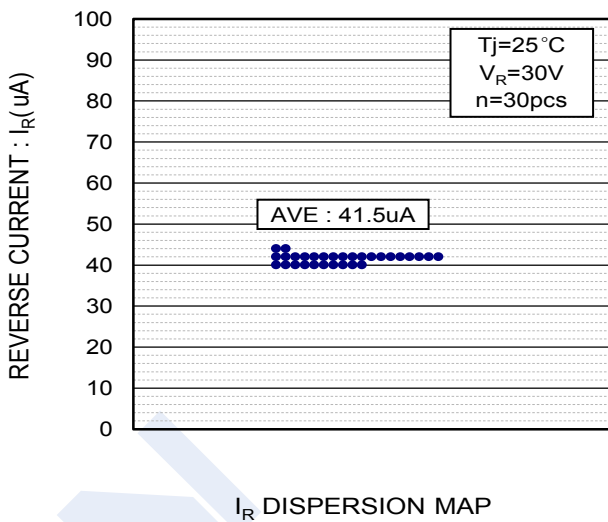
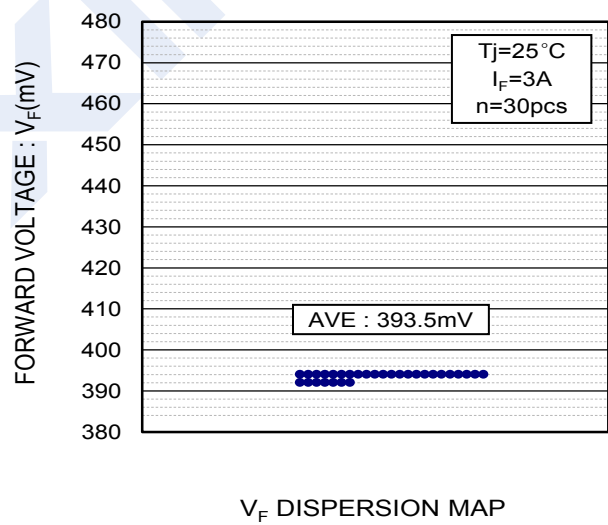
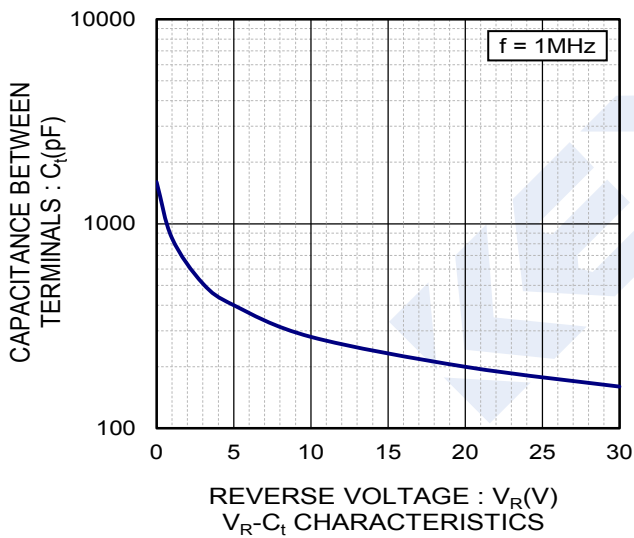
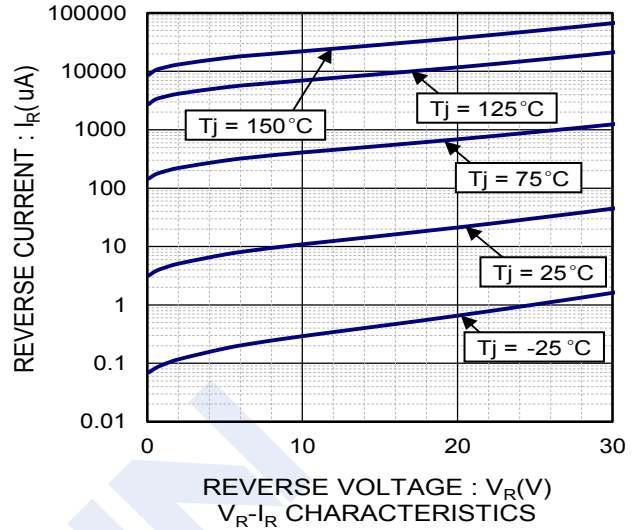
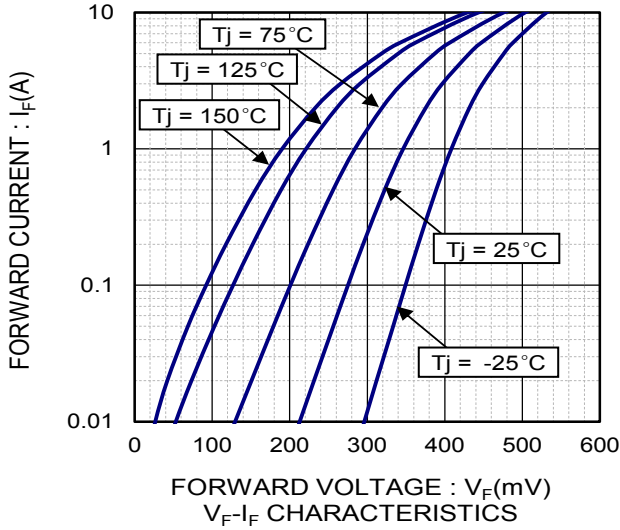
■ Electrical Characteristics  $T_a = 25^\circ\text{C}$ 

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)

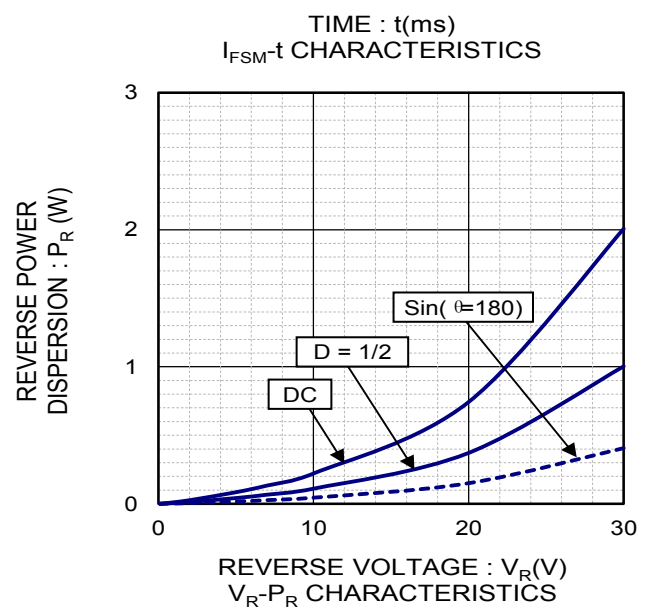
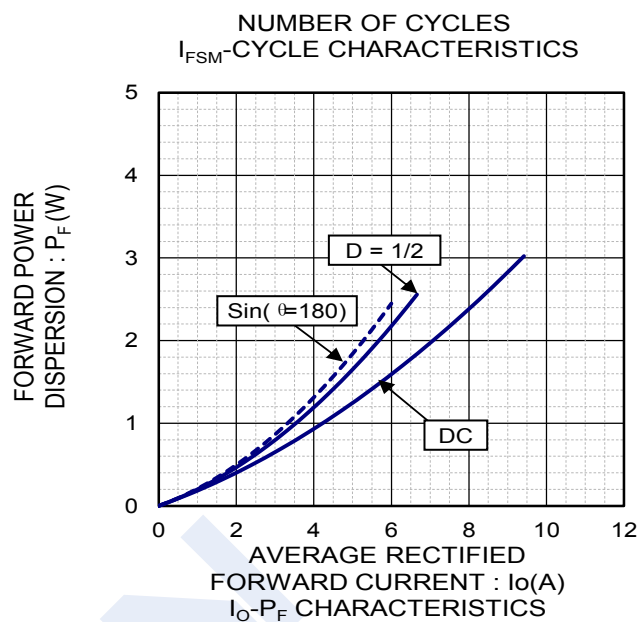
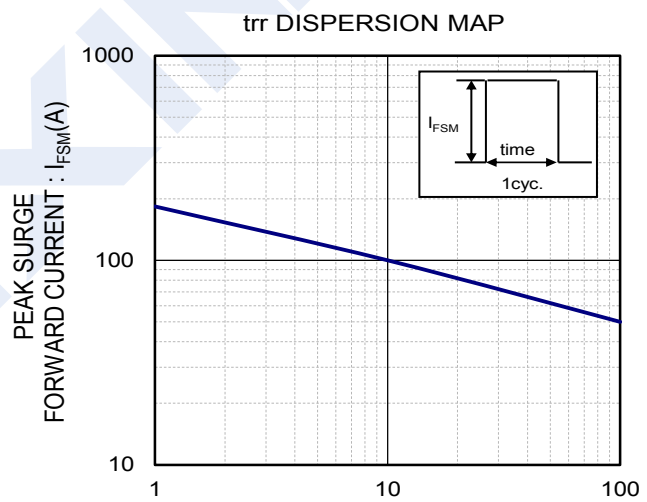
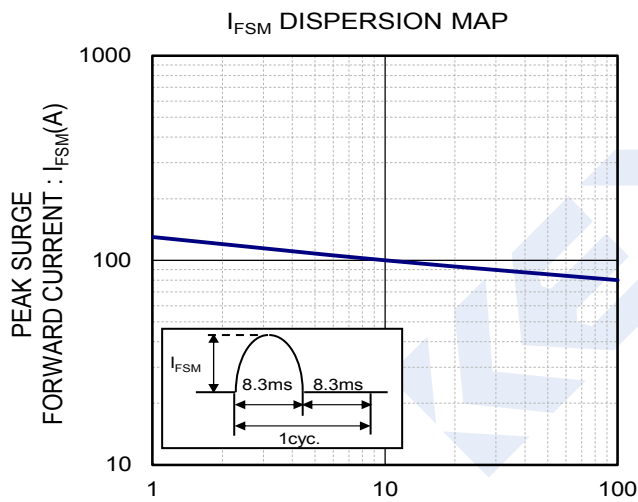
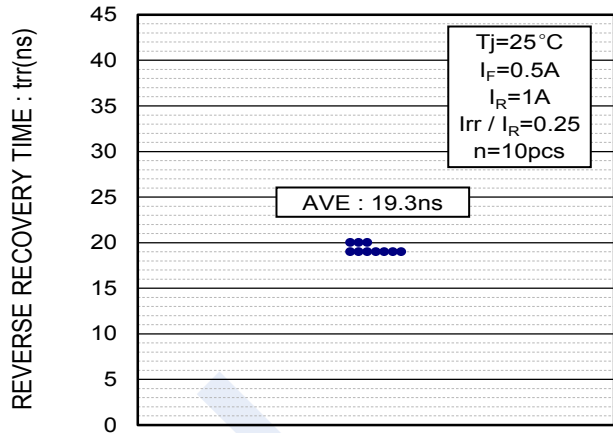
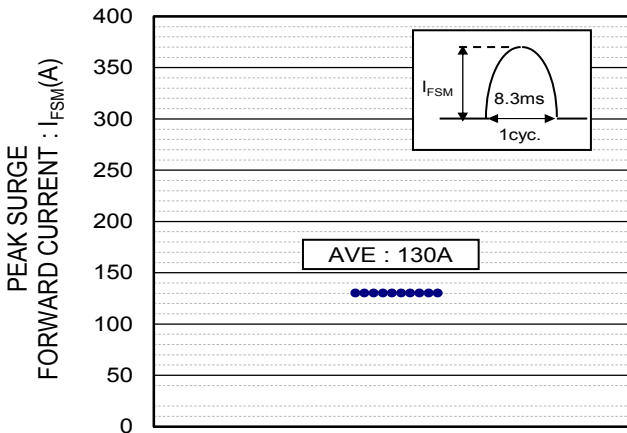
■ Typical Characteristics



### Schottky Diodes

### RB095BM-30 (KB095BM-30)

■ Typical Characteristics



### Schottky Diodes

### RB095BM-30 (KB095BM-30)

■ Typical Characteristics

