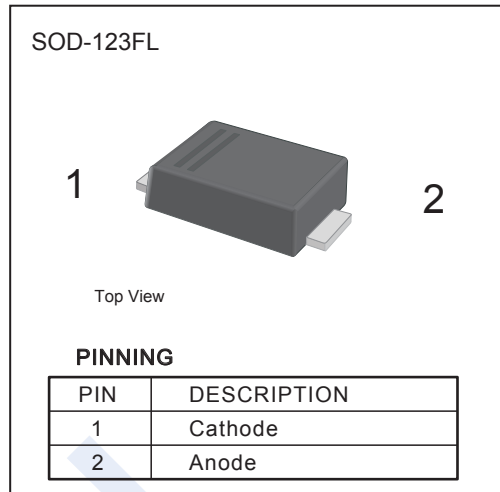
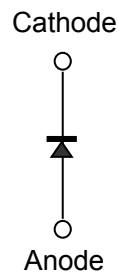


Schottky Barrier Diode

RB162M-40

■ Features

- Small power mold type.
- Low I_R
- High reliability



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

Parameter	Symbol	Rating	Unit
Reverse voltage	V_{RM}	40	V
reverse voltage	V_R	40	V
Forward current surge peak	I_o	1	A
Average rectified forward current	I_{FSM}	30	A
operating junction temperature	T_j	150	$^\circ\text{C}$
storage temperature	T_{stg}	-40 to +150	$^\circ\text{C}$

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

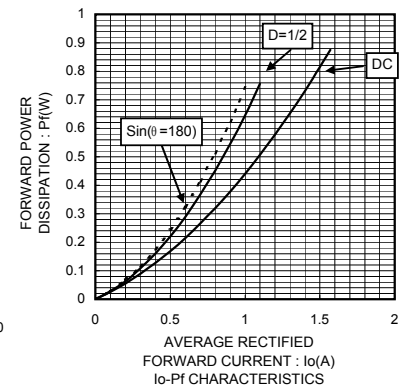
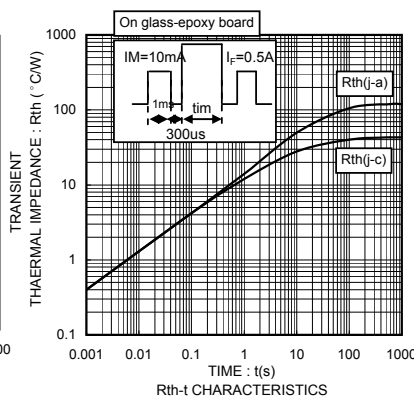
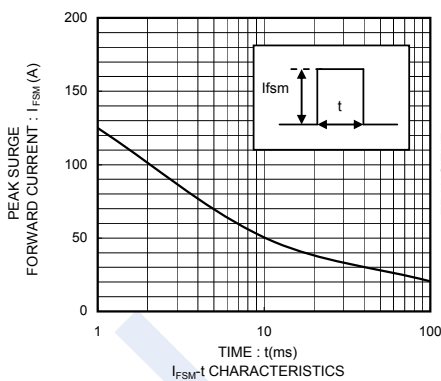
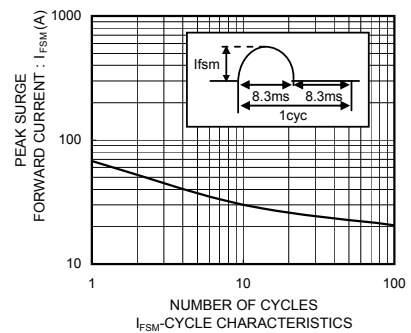
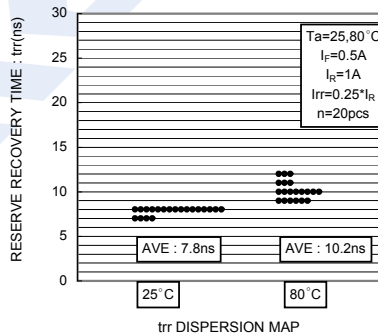
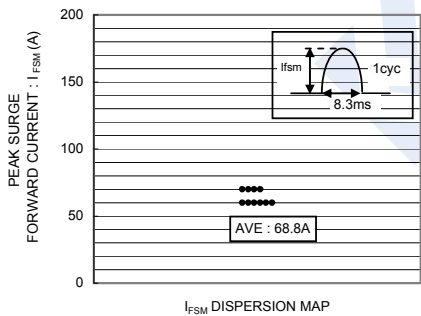
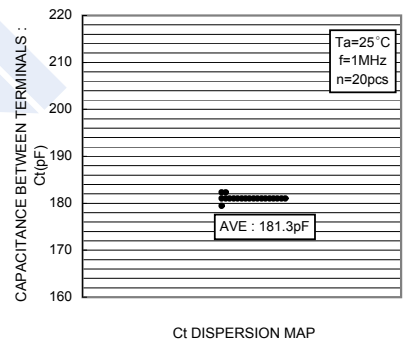
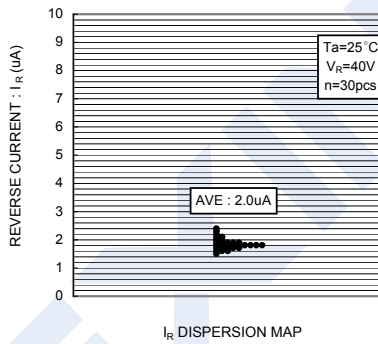
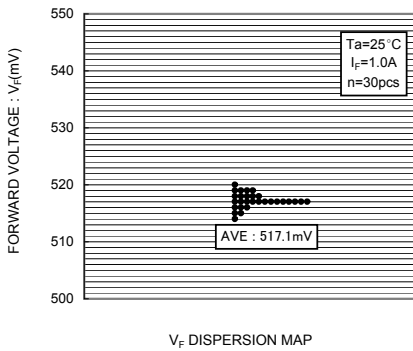
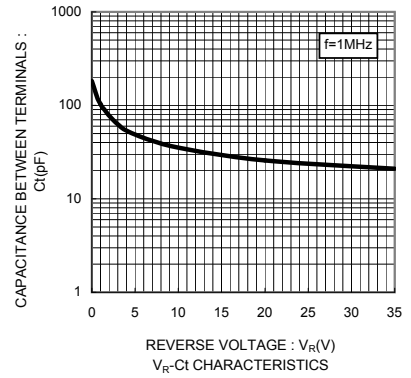
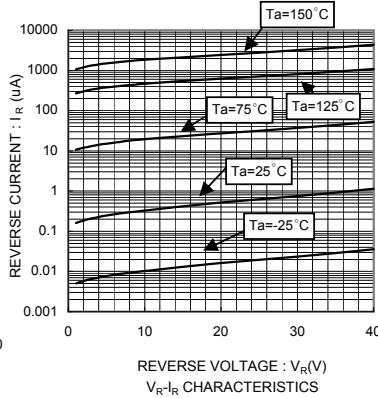
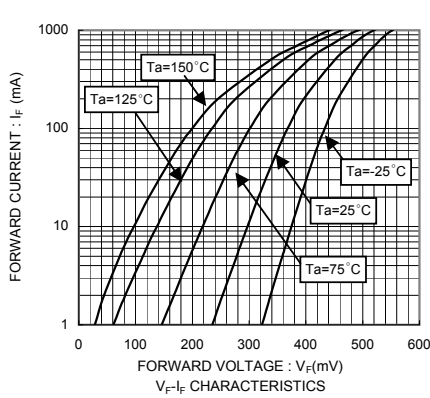
Parameter	Symbol	Testconditons	Min	Typ	Max	Unit
Forward voltage	V_F	$I_F=1.0\text{A}$			0.55	V
Reverse current	I_R	$V_R=40\text{V}$			100	μA

■ Marking

Marking	34
---------	----

RB162M-40

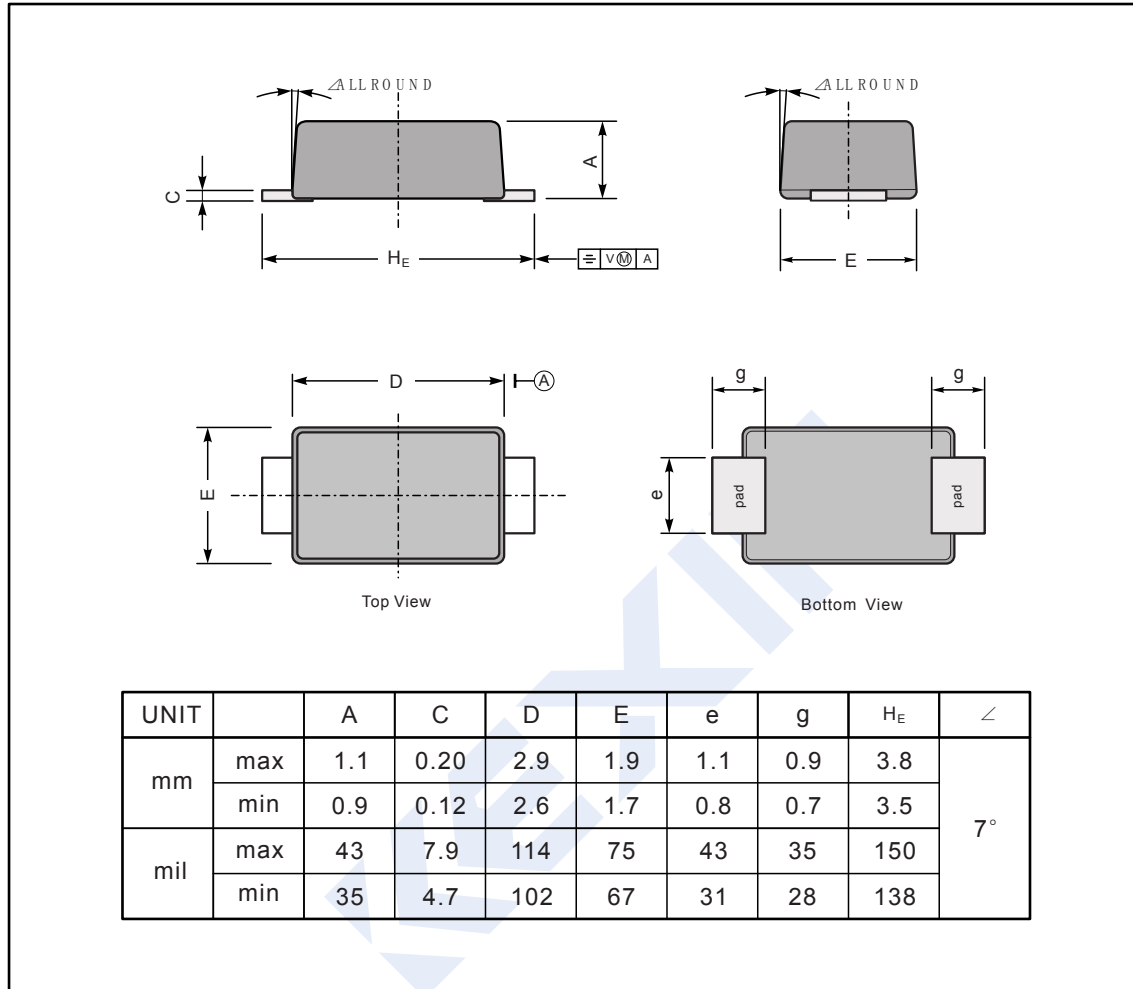
Typical Characteristics



PACKAGE OUTLINE

Plastic surface mounted package; 2 leads

SOD-123FL



The recommended mounting pad size

