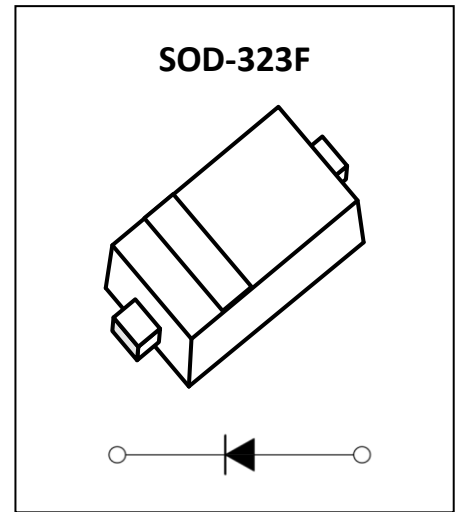
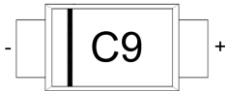


**RB751M3-40 Schottky Barrier Diode**

**Feature**

- Low Forward Voltage
- Low IR
- High Reliability

**MARKING:**



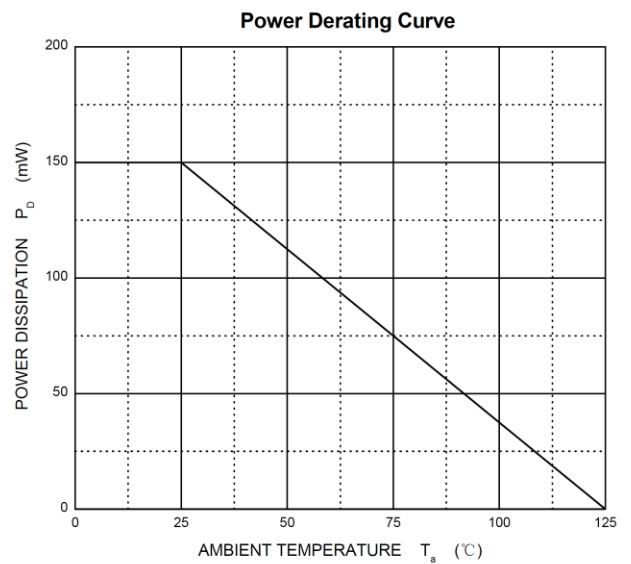
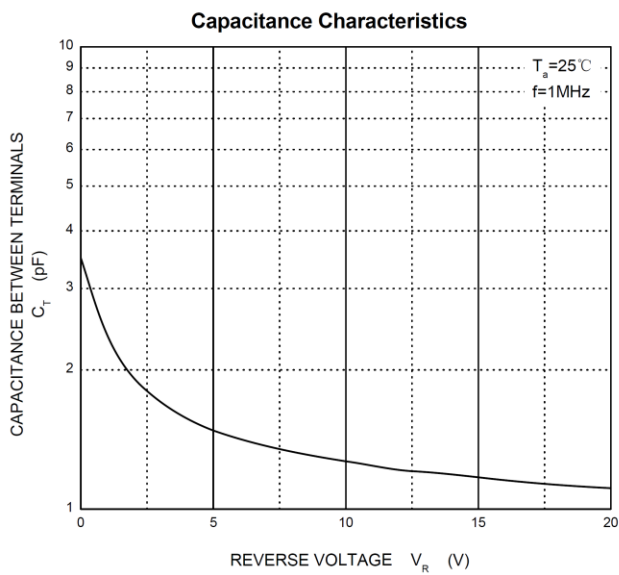
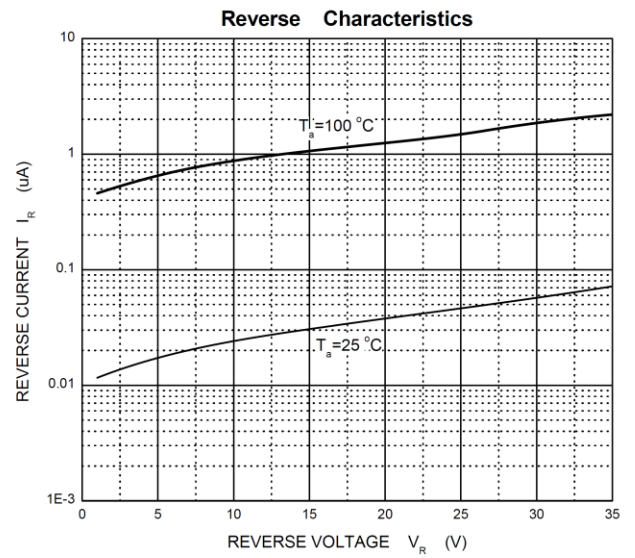
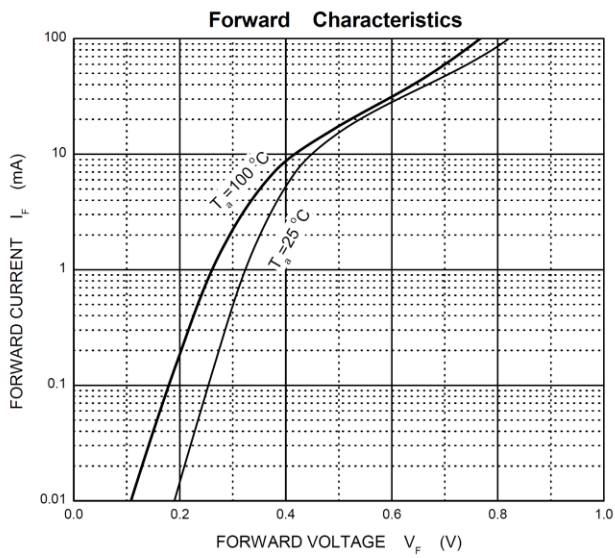
**ABSOLUTE MAXIMUM RATINGS (T<sub>a</sub>=25°C unless otherwise noted)**

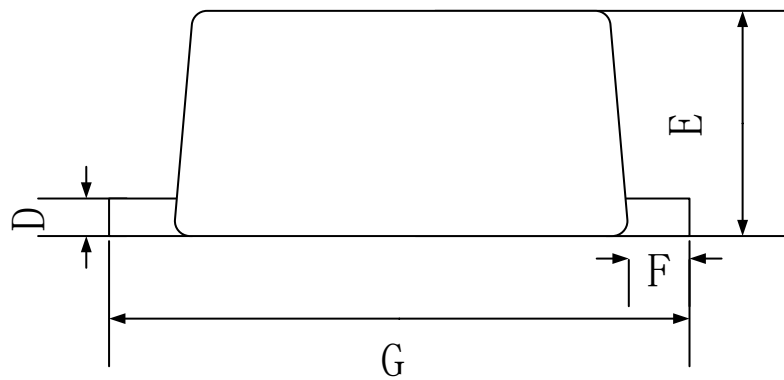
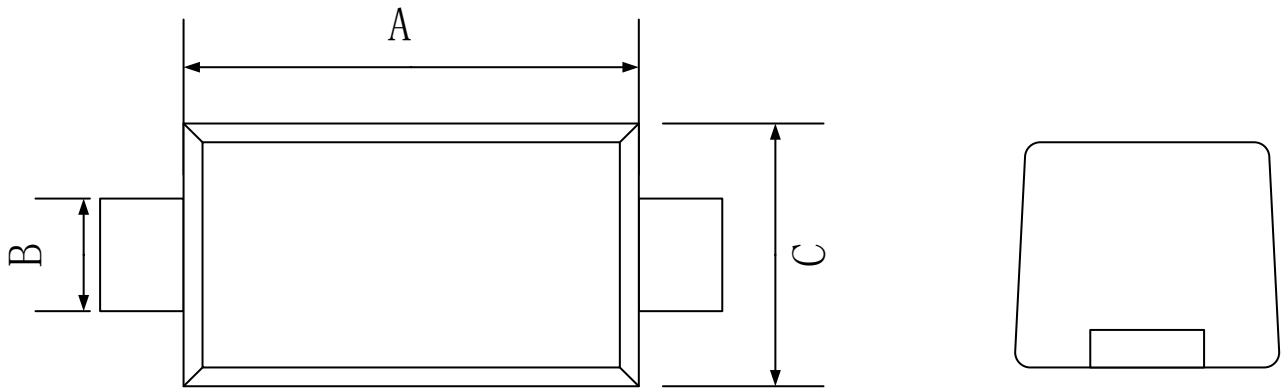
Parameter	Symbol	Value	Unit
DC reverse voltage	V <sub>R</sub>	40	V
Mean rectifying current	I <sub>o</sub>	30	mA
Non-repetitive Peak Forward Surge Current @ t=8.3ms	I <sub>FSM</sub>	200	mA
Power Dissipation	P <sub>D</sub>	0.15	W
Junction Temperature	T <sub>J</sub>	125	°C
Storage Temperature Range	T <sub>STG</sub>	-55 ~ +150	°C

**ELECTRICAL CHARACTERISTICS (T<sub>a</sub>=25°C unless otherwise noted)**

Parameter	Symbol	Test Condition	Min	Type	Max	Unit
Reverse voltage	V <sub>BR</sub>	I <sub>R</sub> =100uA	40			V
Forward voltage	V <sub>F</sub>	I <sub>F</sub> =1mA			0.37	V
Reverse current	I <sub>R</sub>	V <sub>R</sub> =30V			0.5	μA
Capacitance between terminals	C <sub>T</sub>	V <sub>R</sub> =1V,f=1MHZ		2		pF

**Typical Characteristics**



**SOD-323F Package Outline Dimensions**


Symbol	Dimensions In Millimeters		
	Min.	Typ.	Max.
A	1.60	1.70	1.80
B	0.25	0.38	0.45
C	1.15	0.25	1.35
D	0.06	0.10	0.21
E	0.60	0.65	0.75
F	0.40 REF		
G	2.30	2.50	2.70