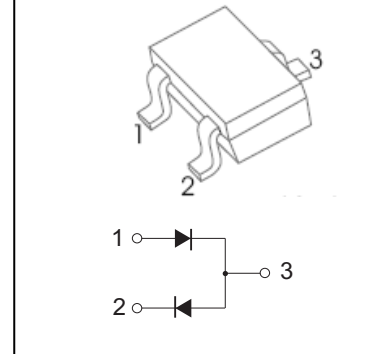


SOT-323 Plastic-Encapsulate Diodes

DA204U SWITCHING DIODE

SOT-323



FEATURES

- Bias circuits
- Protection circuits

MARKING: K

Maximum Ratings @Ta=25°C

Parameter	Symbol	Limit	Unit
Non-Repetitive Peak Reverse Voltage	V_{RM}	20	V
Peak Repetitive Peak Reverse Voltage	V_{RRM}	20	V
DC Blocking Voltage	V_R		V
Forward Continuous Current	I_{FM}	100	mA
Average Rectified Output Current	I_O	100	mA
Power Dissipation	P_D	200	mW
Junction Temperature	T_J	150	°C
Storage Temperature Range	T_{STG}	-55~+150	°C

Electrical Characteristics @Ta=25°C

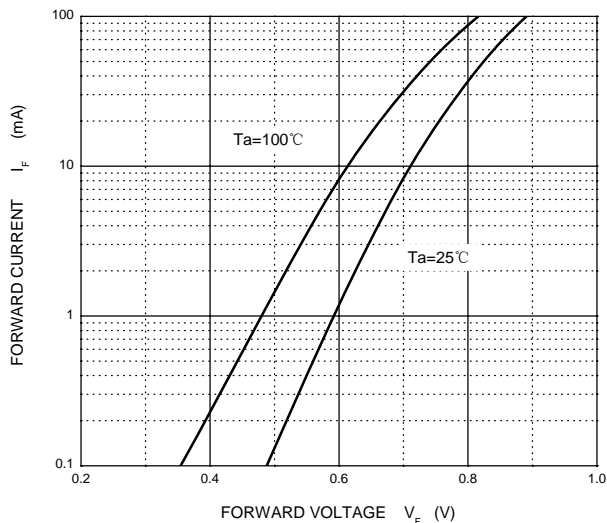
Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Reverse breakdown voltage	$V_{(BR)}$	20			V	$I_R=100\mu A$
Forward voltage	V_F			1	V	$I_F=10mA$
Reverse current	I_R			0.1	μA	$V_R=15V$



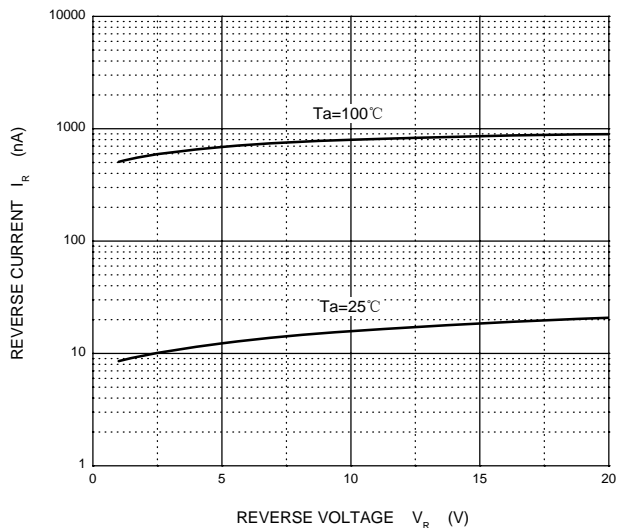
Typical Characteristics

DA204U

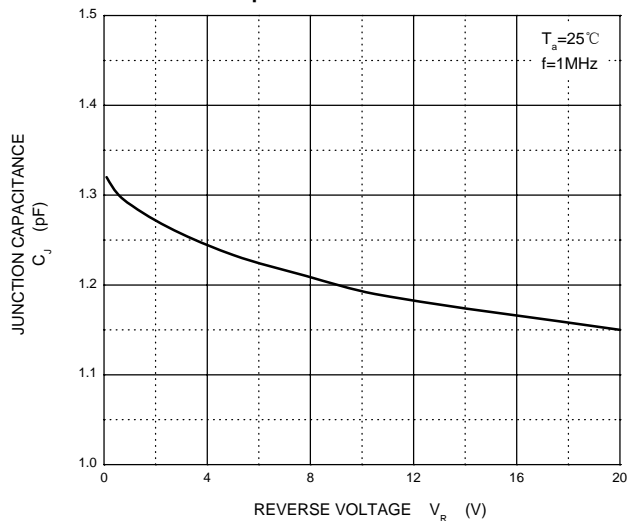
Forward Characteristics



Reverse Characteristics



Capacitance Characteristics



Power Derating Curve

