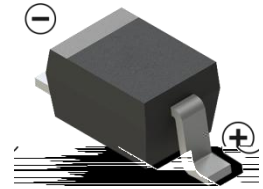
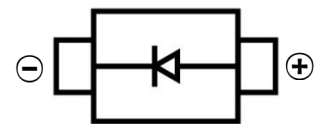


## SWITCHING DIODE

- Low Forward Voltage
- Fast Switching
- Surface Mount device
- High Surge Current Handling Capability



- Case: SOD-323
- Case Material: Molded Plastic. UL Flammability
- Classification Rating: 94V-0
- Moisture Sensitivity: Level 1 per J-STD-020
- Weight: 0.008 grams (approximate)



Non-Repetitive Peak Reverse Voltage	$V_{RM}$	90	V
DC Blocking Reverse Voltage	$V_R$	80	V
Forward Current	$I_F$	225	mA
Average Rectified Output Current	$I_O$	100	mA
Non-Repetitive Peak Forward Surge Current @ $t_{@}=8.3ms$	$I_{FSM}$	2.0	A
Power Dissipation	$P_D$	200	mW
Thermal Resistance From Junction To Ambient	$R_{\theta JA}$	625	$^{\circ}C/W$
Junction Temperature	$T_J$	150	$^{\circ}C$
Storage Temperature	$T_{STG}$	-55 ~+150	$^{\circ}C$

Forward voltage	$V_F$	1.2	V	$I_F=100mA$
Reverse voltage leakage current	$I_R$	0.1	$\mu A$	$V_R=80V$
Diode capacitance	$C_D$	3	pF	$V_R=0.5V, f=1MHz$
Reverse recovery time	$T_{rr}$	4	nS	$I_F=10mA V_R=6V R_L=100\Omega$

