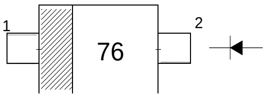
Plastic-Encapsulate Diodes

Schottky Barrier Diode

PINNING

PIN	DESCRIPTION
1	Cathode
2	Anode

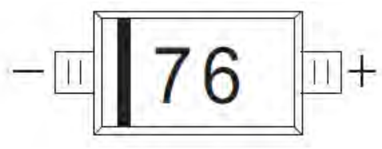


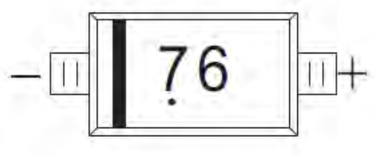
Top View
Marking Code: " 76 "
Simplified outline SOD-123 and symbol

FEATURES

- Small Power Mold Type
- Low I_R
- High Reliability

MARKING: 76





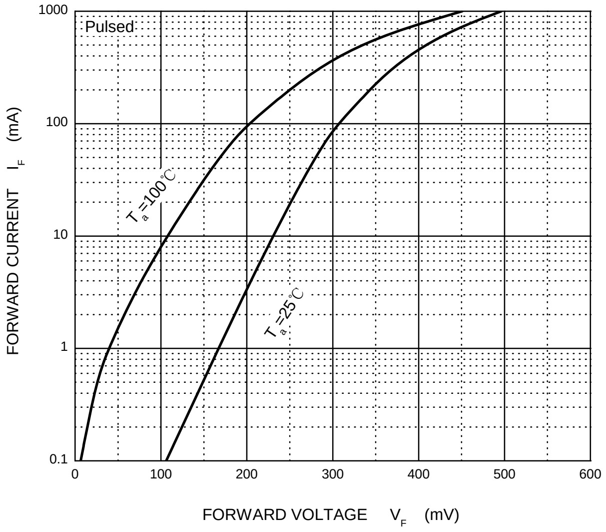
The marking bar indicates the cathode
Solid dot = Green molding compound device,if none, the normal device.

Maximum Ratings @Ta=25℃

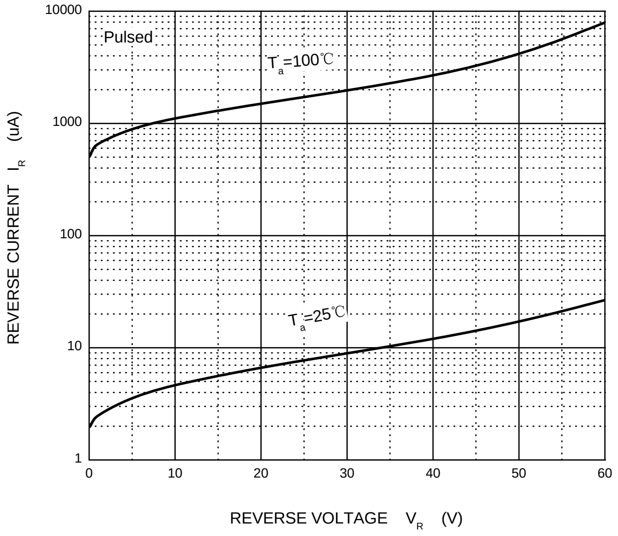
Parameter	Symbol	Limit	Unit
DC reverse voltage	V_R	60	V
Mean rectifying current	I_O	1	A
Peak forward surge current @t=8.3ms	I_{FSM}	15	A
Power dissipation	P_D	350	mW
Thermal Resistance Junction to Ambient	$R_{\theta JA}$	286	℃/W
Junction temperature	T_j	150	℃
Storage temperature	T_{stg}	-55~+150	℃

Electrical characteristics @T_a=25℃

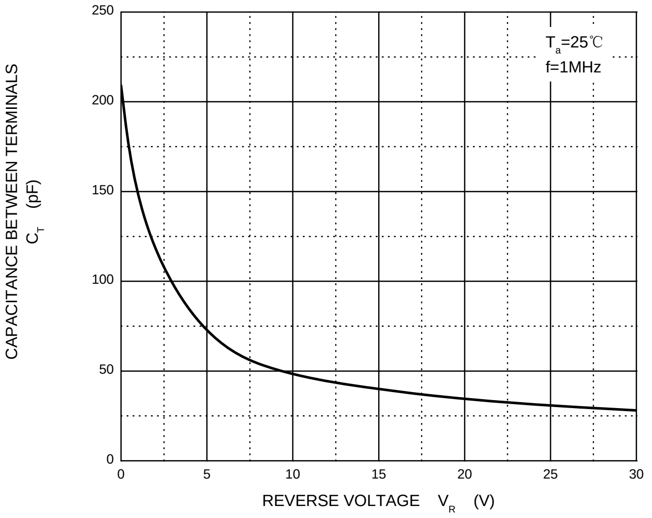
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F			0.58	V	I_F=1A
Reverse current	I_R			30	μA	V_R=60V



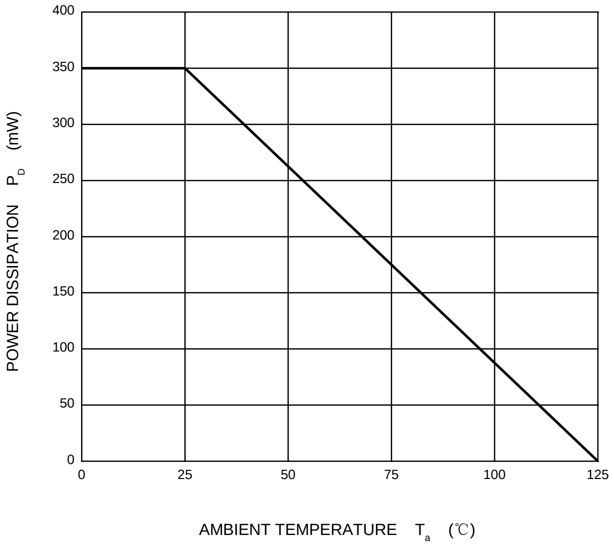
Forward Characteristics



Reverse Characteristics



Capacitance Characteristics



Power Derating Curve