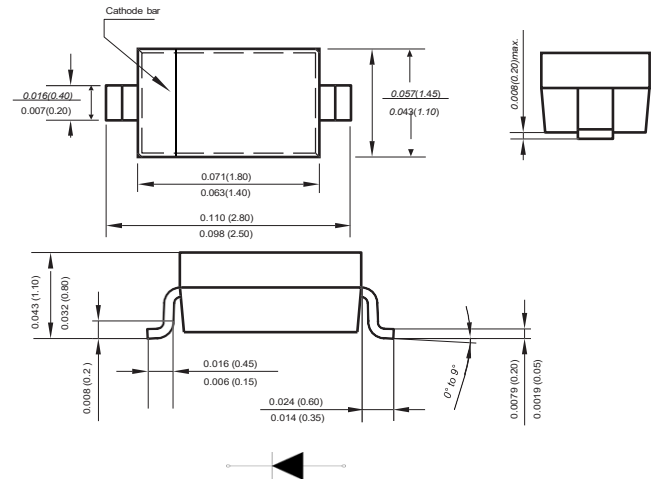


FAST SWITCHING DIODES

Features

- ◆ Small surface mounting type.(UMD2)
- ◆ High speed.($t_n=1.2\text{ns}$ typ.)
- ◆ High reliability with high surge current
- ◆ handling capability.

SOD-323



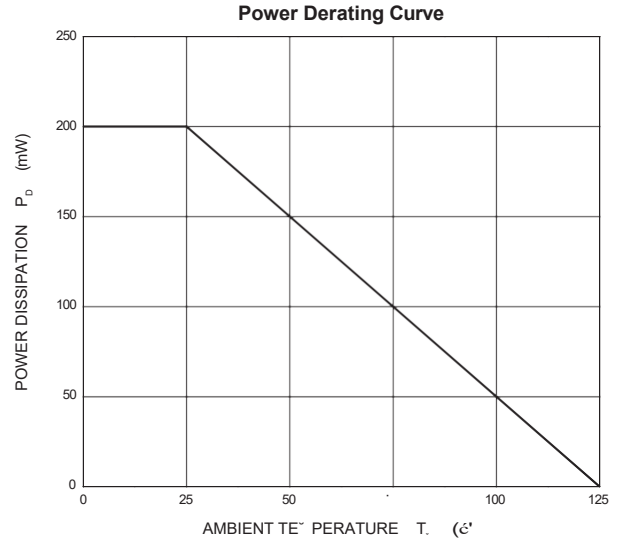
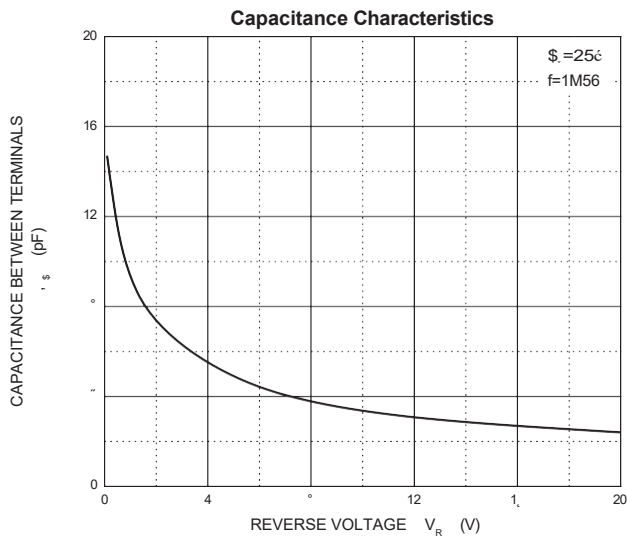
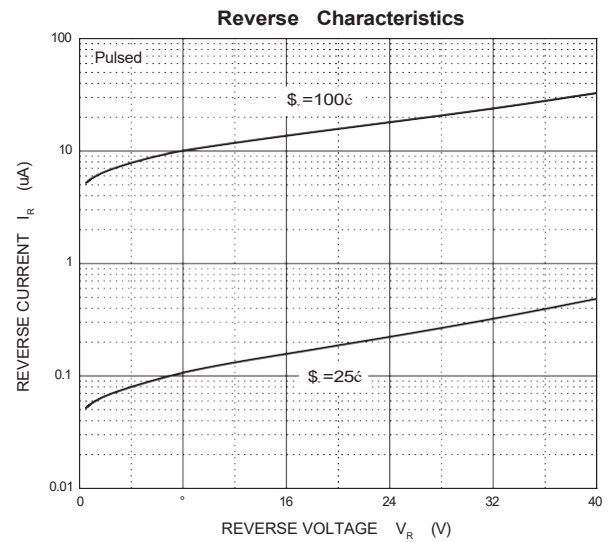
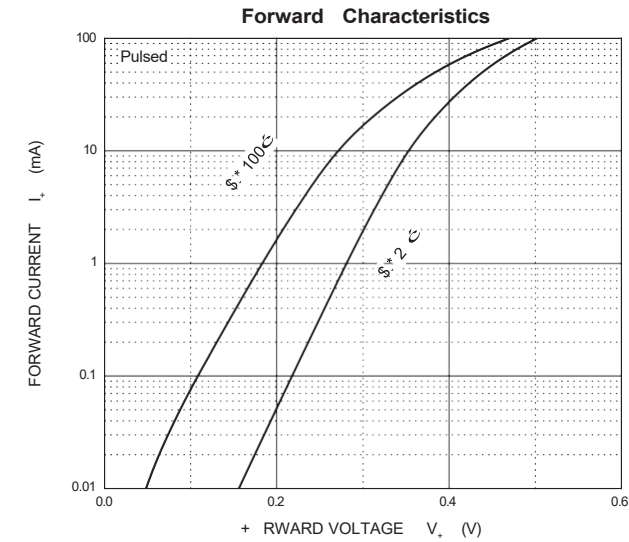
Dimensions in inches and (millimeters)

PARAMETER	SYMBOLS	1SS357	UNITS
Peak reverse voltage	V_{RM}	45	V
DC reverse voltage	V_R	40	V
Mean rectifying current	I_o	0.1	A
Peak forward surge current	I_{FSM}	1	A
Junction temperature	T_j	125	°C
Storage temperature	T_{STG}	-55 to +125	°C

Characteristics at Ta= 25 °C

PARAMETER	SYMBOLS	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V _F		0.28		V	I _F =1mA
			0.36		V	I _F =10mA
				0.6	V	I _F =100mA
Reverse current	I _R			5	uA	V _R =40V
Capacitance between terminals	C _T			25	pF	V _R =0,f=1.0MHz

Typical Characteristics



The curve above is for reference only.