

Features and benefits

- Extremely small surface mounting type.
- High Speed.



SOD-923

Application information

- High speed switching



Equivalent Circuit

Maximum Ratings (TA=25°C unless otherwise specified)

Symbol	Parameter	Value	Uniat
V _{RM}	Peak reverse voltage	90	V
V _R	DC reverse voltage	80	V
I _{FM}	Peak forward current	225	mA
I _O	Mean rectifying current	100	mA
I _{SURGE}	Surge current (1s)	500	mA
T _J	Junction temperature	125	°C
T _{stg}	Storage temperature	-40 to +125	°C

Electrical Characteristics (TA=25°C unless otherwise specified)

Symbol	Characteristic	Max	Uniat
V _F	Forward voltage(I _F =100mA)	1.2	V
I _R	Reverse current(V _R =80V)	0.1	uA
C _T	Capacitance between terminals(V _R =0.5V,f=1MHz)	3	pF
T _{rr}	Reverse recovery time(V _R =6V,I _F =10mA,R _L =100Ω)	4	nS

Ordering information

Product ID	Pack	Naming rule	Marking	Qty(PCS)
1SS400CS	SOD-923	1SS400CS ↓ 产品名称 product name	3	8000

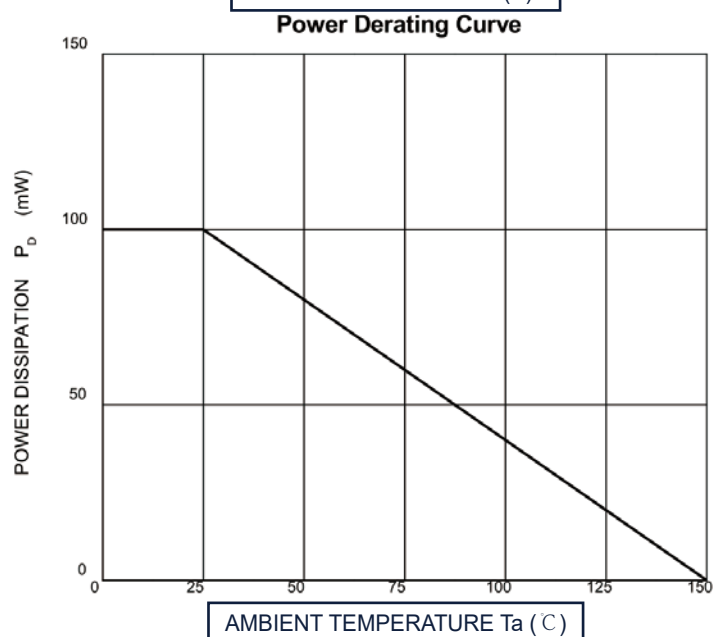
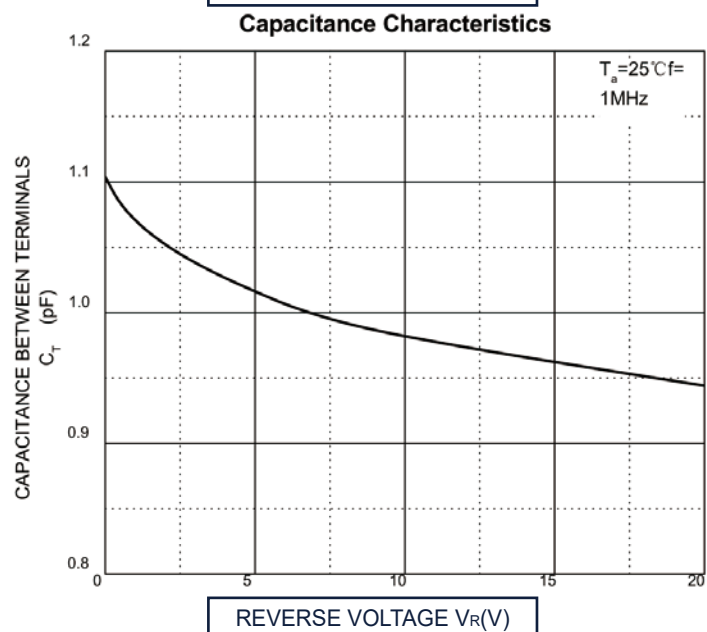
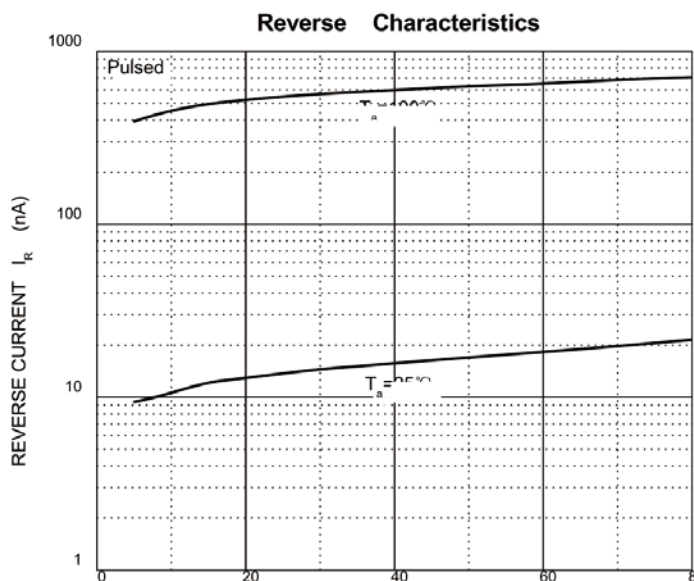
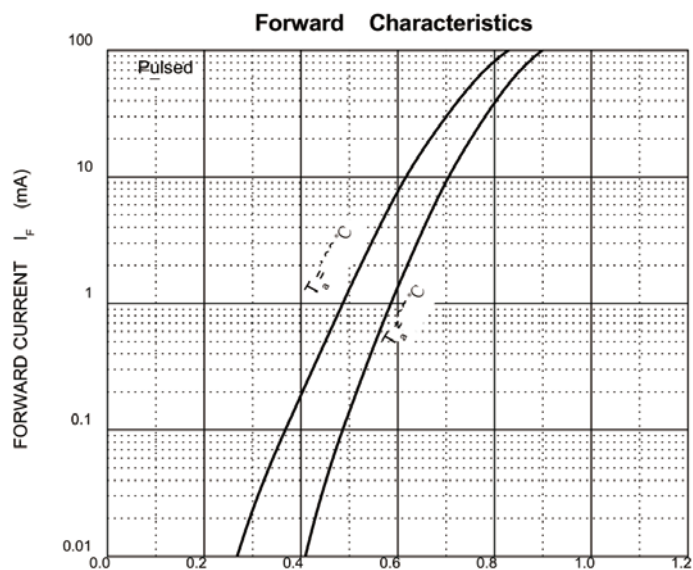


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TL-1SS400CS

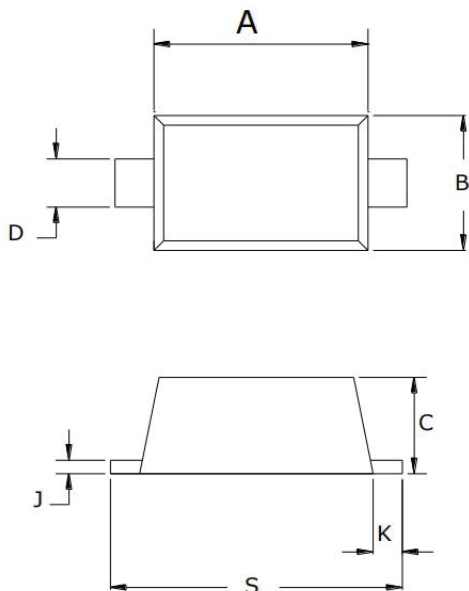
SOD-923 SWITCHING DIODE

Typical Characteristics



Package Outline Dimensions

SOD923



SYMBOL	MILLIMETERS	
	MIN	MAX
A	0.74	0.86
B	0.54	0.66
C	0.35	0.45
D	0.14	0.26
K	0.04	0.16
S	0.95	1.10

Soldering Footprint (mm)

