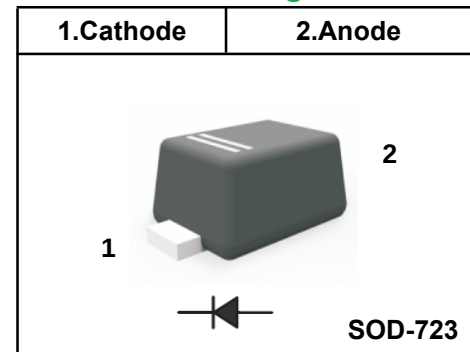


■ High Speed Switching Diodes

FEATURES

- Small surface mounting type
- High Speed
- High reliability with high surge current handling capability

Pinning



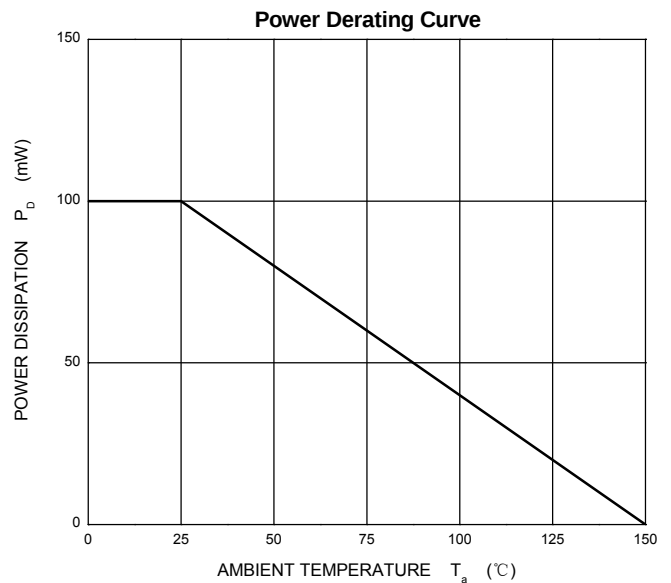
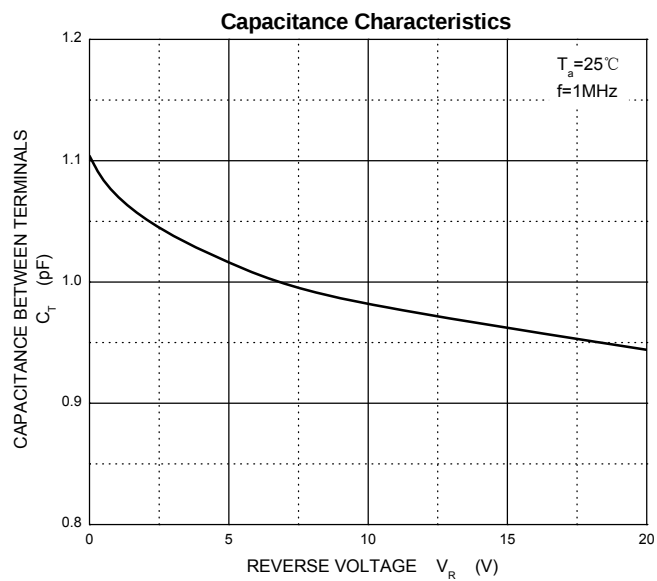
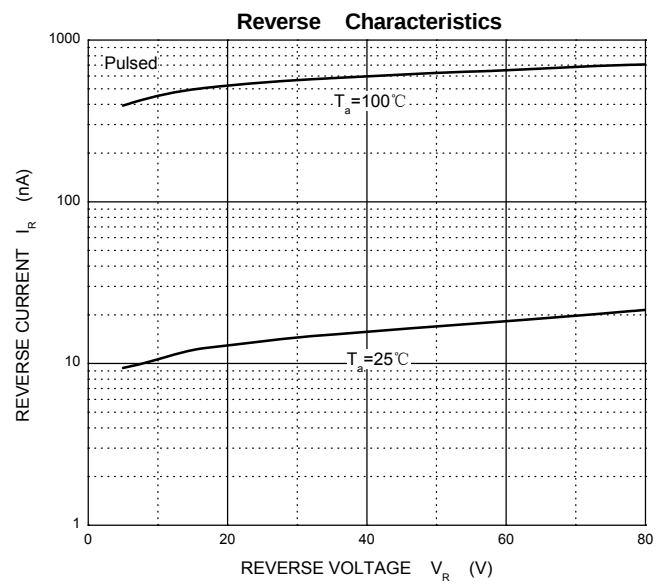
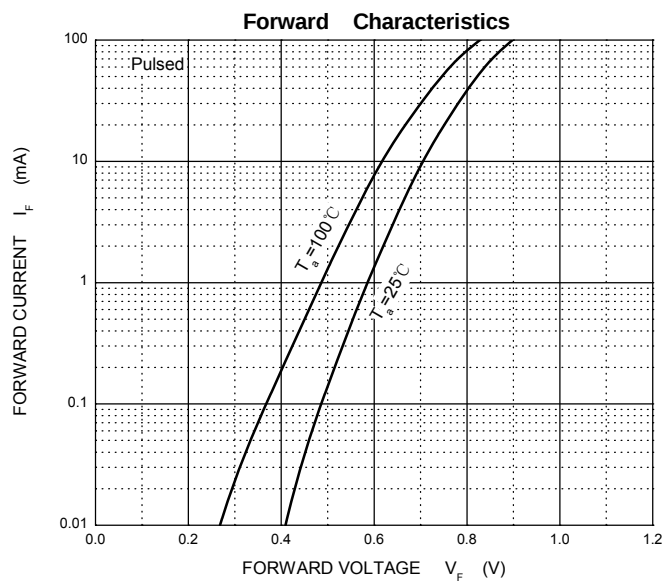
Absolute Maximum Ratings (Ta = 25°C)

Parameter	Symbol	Rating	Unit
Peak reverse voltage	V _{RM}	90	V
DC reverse voltage	V _R	80	V
Average forward current	I _o	100	mA
Peak forward current	I _{FM}	225	mA
Surge current (1s)	I _{surge}	500	mA
Junction temperature	T _j	125	°C
Storage temperature	T _{stg}	-55 to +125	°C

Electrical Characteristics at Ta = 25°C

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Forward voltage	V _F	I _F =100mA			1.2	V
Reverse current	I _R	V _R =80V			0.1	μ A
Total Capacitance	C _T	V _R =0.5V, f=1MHZ			3.0	pF
Reverse recovery time	t _{rr}	V _R =6V, I _F =10mA, R _L =100 Ω			4	ns

Typical Characteristics



Ordering information

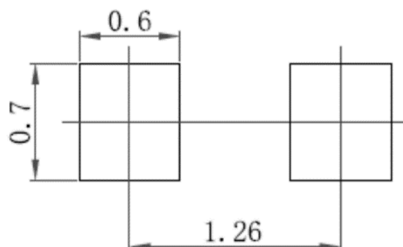
Package	Packing Description	Packing Quantity
SOD-723	Tape/Reel, 7" reel	8000PCS/Reel 320000PCS/Carton

Package Dimensions

SOD-723

Dim.	Millimeter(mm)		mil	
	Min.	Max.	Min.	Max.
A	1.30	1.50	51	59
B	0.90	1.10	35	43
C	0.55	0.65	22	26
D	0.01	0.07	1	3
E	0.25	0.35	10	14
F	0.08	0.15	3	6
G	0.52	0.58	20	23
H	0.53	0.65	21	26

The recommended mounting pad size



Disclaimer

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