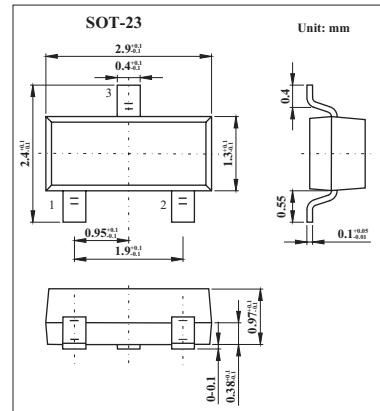


HIGH SPEED SWITCHING APPLICATION**1SS394****■ Features**

- Small package
- Low forward voltage : $V_F = 0.23V$ (Typ).

**■ Absolute Maximum Ratings Ta = 25°C**

Parameter	Symbol	Rating	Unit
Maximum(Peak) Reverse Voltage	V _{RM}	15	V
Reverse Voltage	V _R	10	V
Maximum(Peak) Forward Current	I _{FM}	200	mA
Average Rectified Current	I _o	100	mA
Surge Current (10 ms)	I _{FSM}	1	A
Power Dissipation	P	150	mW
Junction Temperature	T _j	125	°C
Storage Temperature Range	T _{stg}	-55 to +125	°C
Operating Temperature	T _{opr}	-40 to +100	°C

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Continuous reverse voltage	V _F	I _F = 1 mA		0.18		V
		I _F = 5 mA		0.23	0.35	
		I _F = 100 mA		0.35	0.5	
Reverse current	I _R	V _R = 40 V			20	µ A
Total capacitance	C _T	V _R = 0, f = 1.0 MHz		20	40	pF

■ Marking

Marking	S9
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