

SOT-23 SWITCHING DIODE

FEATURES

* Power dissipation

Pp: 150 mW(Tamb=25°C)

* Forward current

100 mA lr:

* Reverse voltage VR: 80 V * Operating and storage junction temperature range T_J,Tstg: -55°Cto+150°C

MECHANICAL DATA

* Case: Molded plastic

* Epoxy: UL 94V-O rate flame retardant

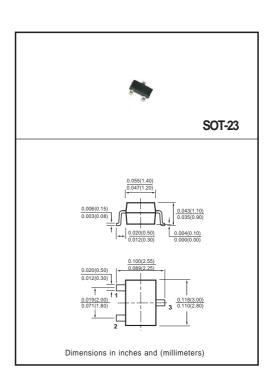
* Lead: MIL-STD-202E method 208C guaranteed

* Mounting position: Any * Weight: 0.008 gram

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 $^{\circ}\text{C}$ ambient temperature unless otherwise specified.





ELECTRICAL CHARACTERISTICS (@ TA = 25°C unless otherwise noted)

CHARACTERISTICS	SYMBOL	MIN.	TYP.	MAX.	UNITS
Reverse Breakdown Voltage (I _R =100μA)	V _(BR)	80	-	-	V
Reverse voltage leakage current (V _R =80V)	I _R	-	-	0.5	μА
Forward voltage (I _F =100mA)	V _F	-	•	1.2	V
Diode capacitance (V _R =0V,f=1MHz)	C _D	-	-	3	pF
Reverse recovery time	t _{rr}	-	-	4	ns

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