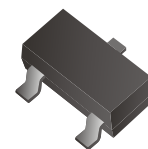


CDSV3-204-G

Reverse Voltage: 20 Volts

Average Forward Current: 100 mA

RoHS Device



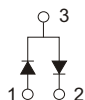
Features

- Design for mounting on small surface.
- High speed switching.
- High mounting capability, strong surge withstand, high reliability.

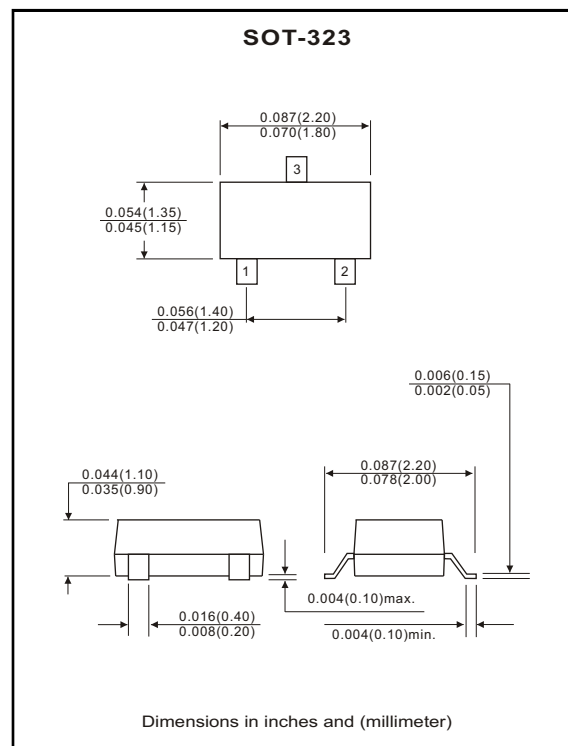
Mechanical data

- Case: SOT-323, molded plastic.
- Terminals: solderable per MIL-STD-750, method 2026.
- Approx. weight: 0.006 grams

Circuit diagram



CDSV3-204-G



Maximum Ratings and Electrical Characteristics

(at Ta=25°C unless otherwise noted)

Parameter	Symbol	Conditions	Value	Units
Repetitive peak reverse voltage	V_{RRM}		20	V
Reverse voltage	V_R		20	V
Peak forward current	I_F		100	mA
Peak surge forward current	I_{FSM}	T=1.0 sec	300	mA
Power dissipation	P_D		150	mW
Maximum forward voltage	V_F	@ $I_F=10mA$	1.0	V
Maximum reverse current	I_R	@ $V_R=15V$	0.1	μA
Maximum junction temperature	T_J		150	°C
Storage temperature	T_{STG}		-55 to +150	°C

RATING AND CHARACTERISTIC CURVES (CDSV3-204-G)

Fig.1 Forward Characteristics

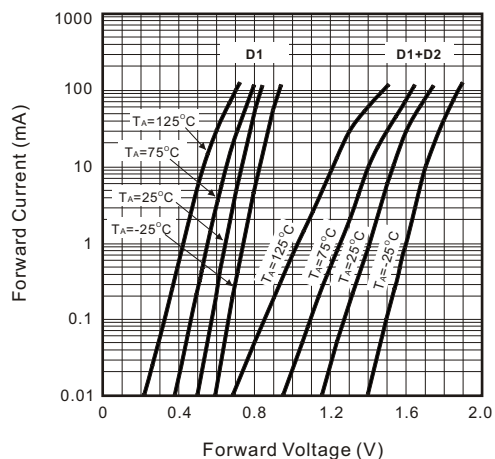


Fig.2 Forward Characteristics

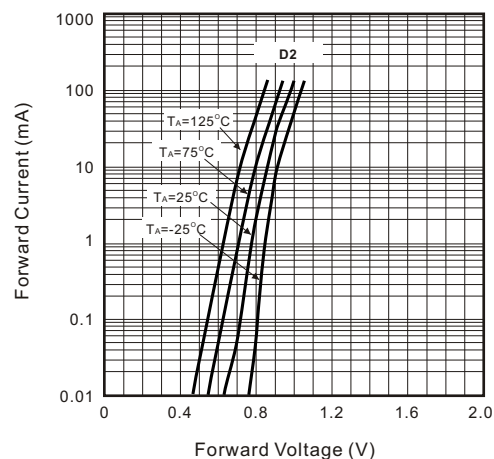


Fig.3 Capacitance Between Terminals Characteristics

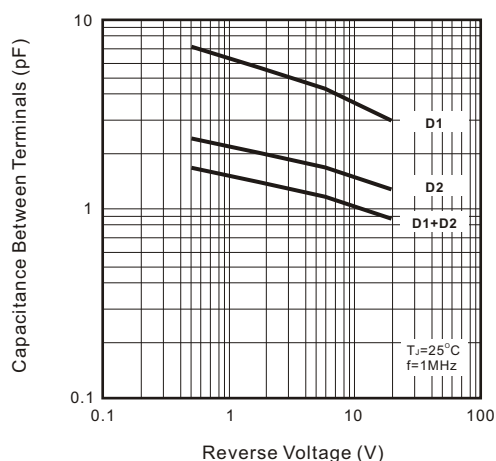


Fig.4 Reverse Characteristics

