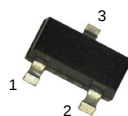


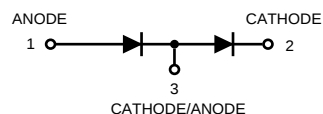
Switching Diode

Lead free product

DAN217G



SOT-23



MAXIMUM RATINGS (At TA = 25°C unless otherwise noted)

RATINGS	Symbol	DAN217G	UNITS
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	80	Volts
Maximum RMS Voltage	V _{RMS}	56	Volts
Maximum DC Blocking Voltage	V _{DC}	80	Volts
Maximum Average Forward Rectified Current	I _O	0.1	Amps
Peak Forward Surge Current at 1Sec.	I _{FSM}	4.0	Amps
Typical Junction Capacitance between Terminal (Note 1)	C _J	2.0	pF
Maximum Operating Temperature Range	T _J	+150	°C
Storage Temperature Range	T _{STG}	-55 to +150	°C

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

CHARACTERISTICS	Symbol	DAN217	UNITS
Maximum Instantaneous Forward Voltage at IF= 100mA	V _F	1.20	Volts
Maximum Average Reverse Current at VR= 80V	I _R	0.1	uAmps

NOTES :1. Measured at 1.0 MHZ and applied reverse voltage of 6.0 volts.

2. ESD sensitive product handling required.

FIG. 1 FORWARD CHARACTERISTICS

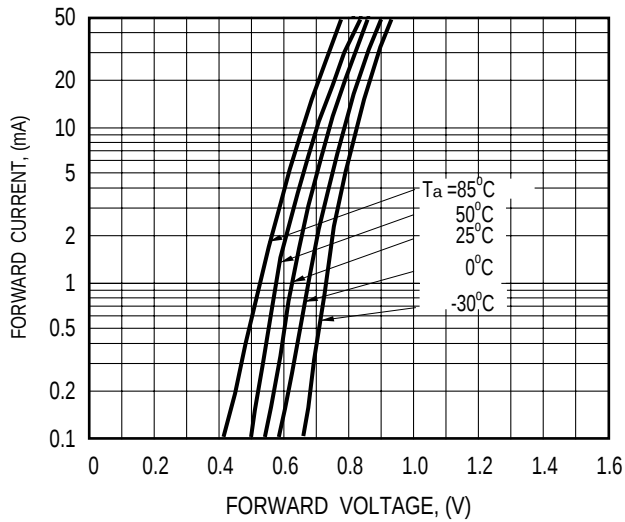


FIG. 2 REVERSE CHARACTERISTICS

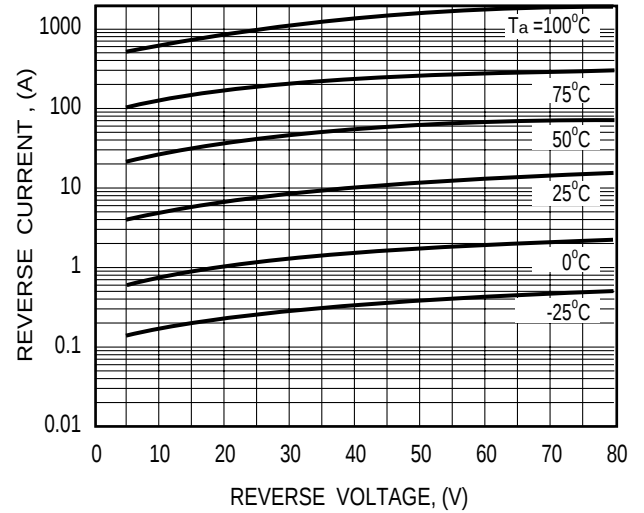


FIG. 3 TYPIC JUNCTION CAPACITANCE

