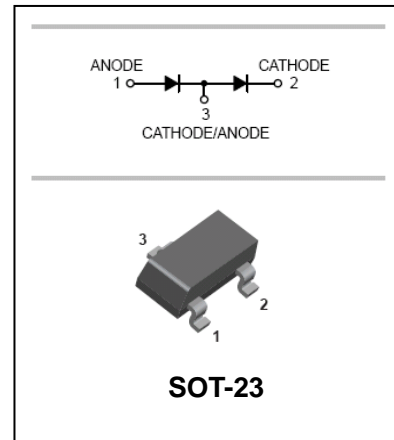


Surface mount switching diode

DAN217

FEATURES

- Small surface mounting type.(UMD3,SMD3)
- Two diode elements are connected in series.



APPLICATIONS

- High speed switching application.

ORDERING INFORMATION

Type No.	Marking	Package Code
DAN217	BA1	SOT-23

MAXIMUM RATING @ Ta=25°C unless otherwise specified

Characteristic	Symbol	Limits	Unit
Peak Reverse Voltage	V_{RM}	80	V
DC Reverse Voltage	V_R	80	V
Maximum (peak)forward Current	I_{FM}	300	mA
Forward Continuous Current	I_o	100	mA
Surge Current (10ms)	I_{FSM}	1000	mA
Power Dissipation	P_d	150	mW
Operating Junction Temperature Range	T_j	125	°C
Storage Temperature Range	T_{STG}	-55 to +125	°C

ELECTRICAL CHARACTERISTICS @ Ta=25°C unless otherwise specified

Characteristic	Symbol	Min	MAX	UNIT	Test Condition
Reverse Breakdown Voltage	$V_{(BR)R}$	80		V	$I_R=100\mu A$
Forward Voltage	V_F		1.2	V	$I_F=100mA$
Reverse Leakage Current	I_R		0.1	μA	$V_R=70V$

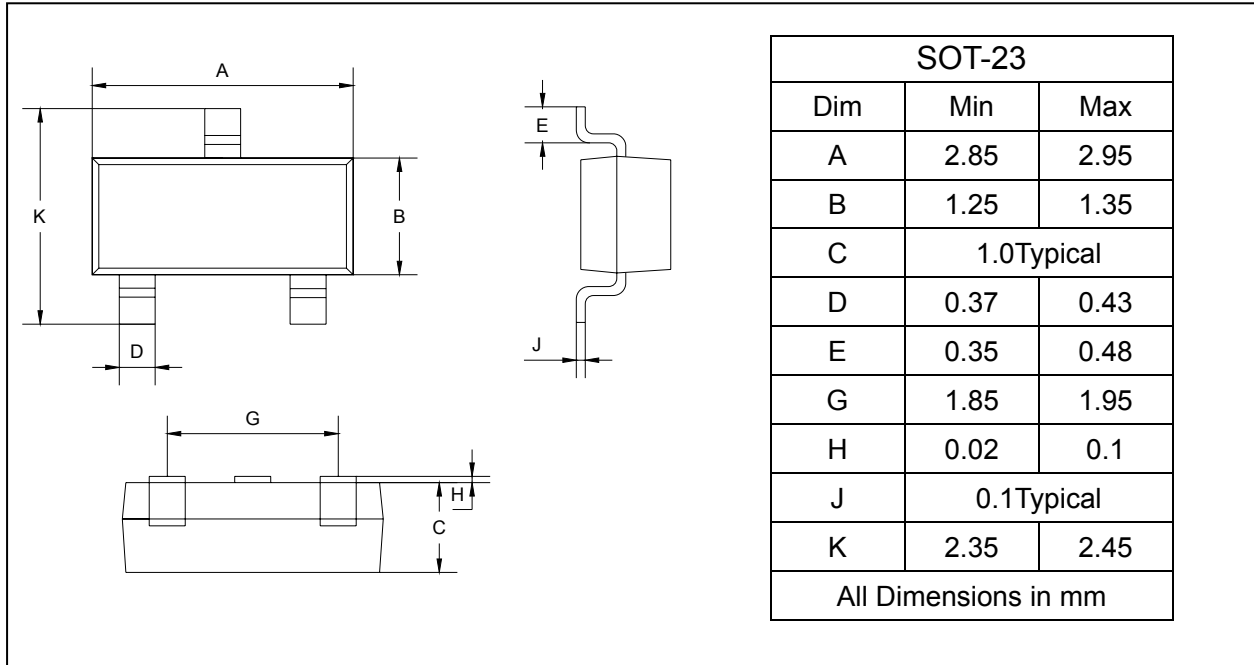
Surface mount switching diode

DAN217

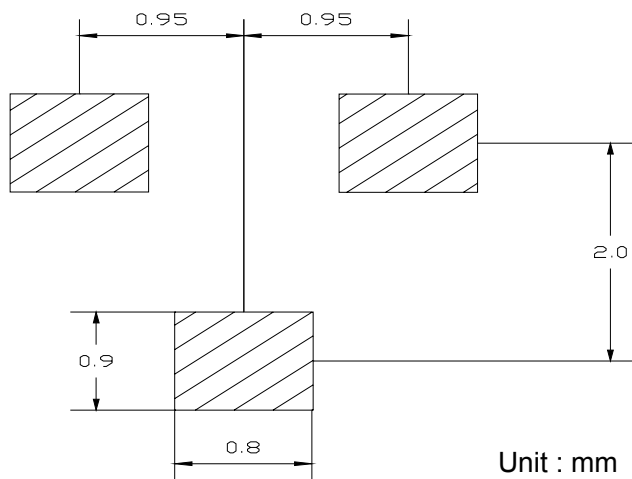
PACKAGE OUTLINE

Plastic surface mounted package

SOT-23



SOLDERING FOOTPRINT



PACKAGE INFORMATION

Device	Package	Shipping
DAN217	SOT-23	3000/Tape&Reel