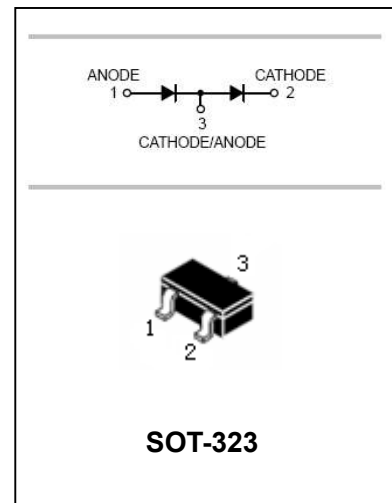


## Dual series switching diode

## DAN217U

### FEATURES

- Fast switching speed.
- Small surface mounting type.
- Two diode elements are connected in series.
- Surface mount package ideally suited for automatic insertion.



### APPLICATIONS

- For general purpose switching application.

### ORDERING INFORMATION

Type No.	Marking	Package Code
DAN217U	A7	SOT-323

### MAXIMUM RATING @ Ta=25°C unless otherwise specified

Parameter	Symbol	Value	Unit
Non repetitive peak reverse voltage	$V_{RM}$	80	V
Repetitive peak reverse voltage	$V_{RRM}$	80	V
Working peak reverse voltage	$V_{RWM}$		
DC Reverse voltage	$V_R$		
Peak forward surge current @t=10ms	$I_{FSM}$	1	A
Forward continuous current	$I_{FM}$	300	mA
Average rectified output current	$I_O$	100	mA
Power dissipation	$P_d$	200	mW
Operating and storage temperature range	$T_j, T_{STG}$	-55 to +125	°C

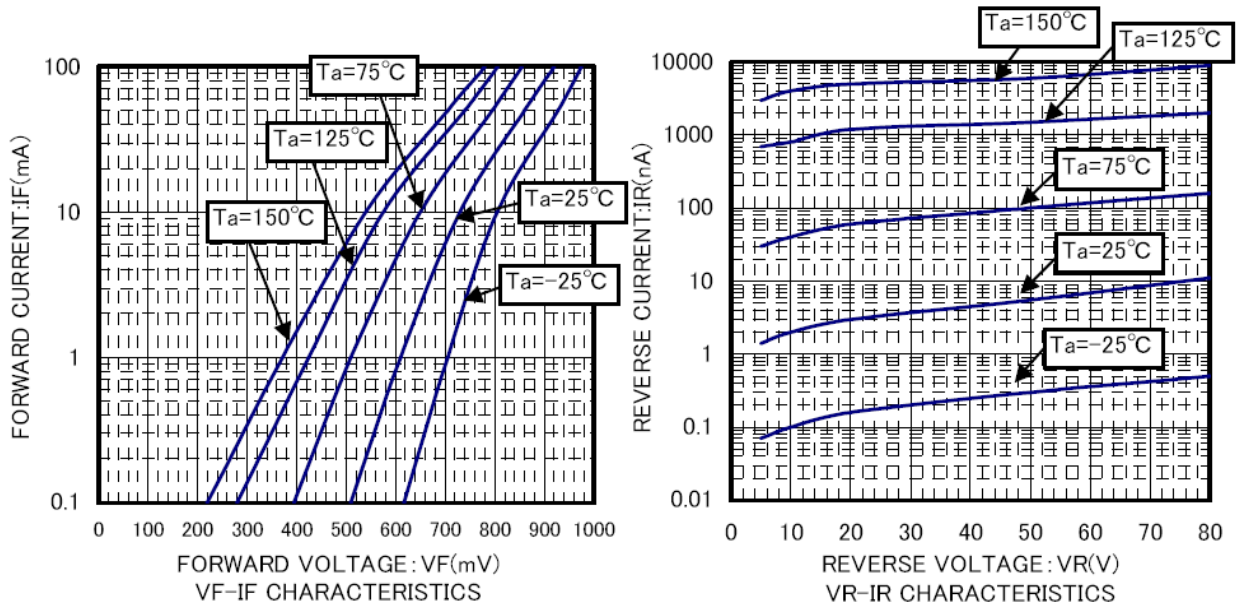
Dual series switching diode

**DAN217U**

ELECTRICAL CHARACTERISTICS @  $T_a=25^\circ\text{C}$  unless otherwise specified

Parameter	Symbol	Test conditions	MIN	MAX	UNIT
Reverse breakdown voltage	$V_{(BR)}$	$I_R=100\mu\text{A}$	80		V
Reverse voltage leakage current	$I_R$	$V_R=70\text{V}$		0.1	$\mu\text{A}$
Forward voltage	$V_F$	$I_F=100\text{mA}$		1200	mV

TYPICAL CHARACTERISTICS @  $T_a=25^\circ\text{C}$  unless otherwise specified



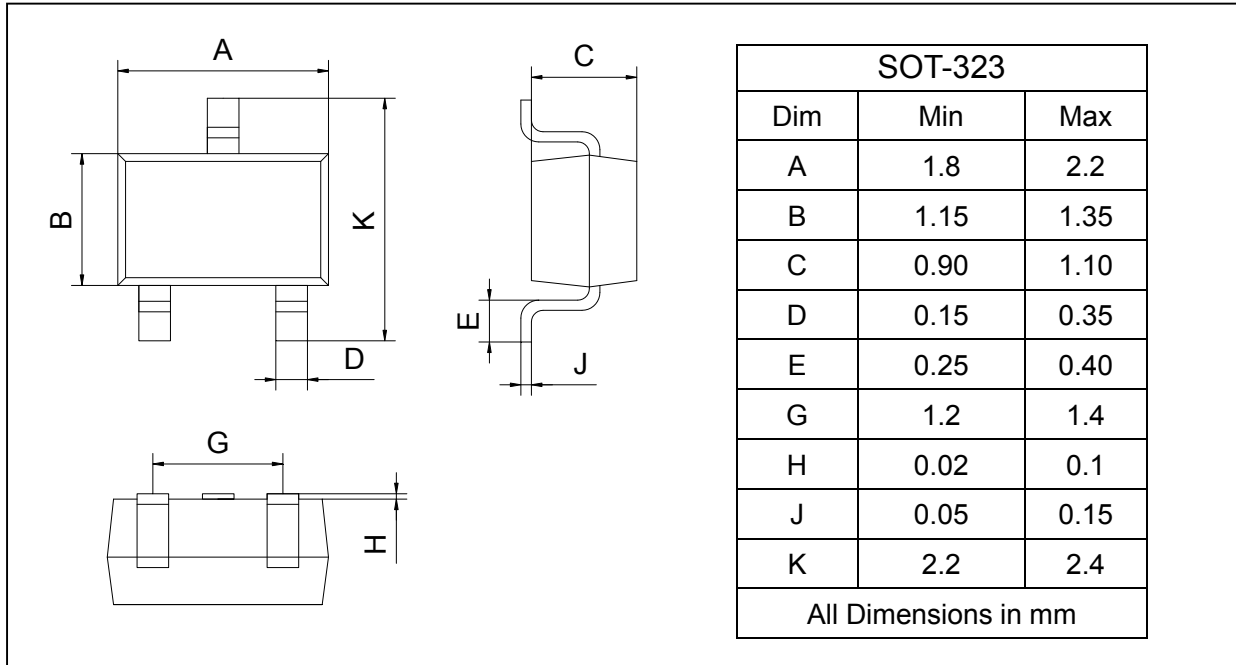
Dual series switching diode

**DAN217U**

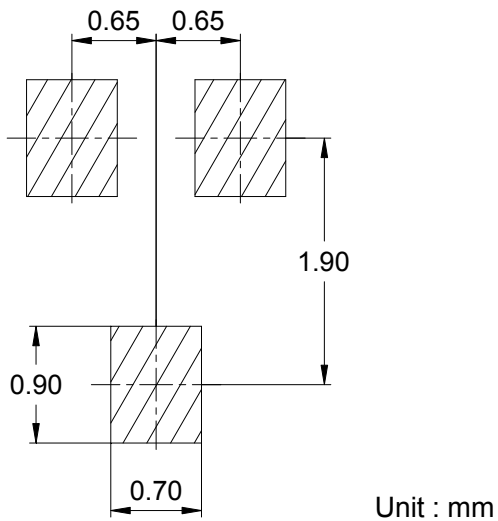
PACKAGE OUTLINE

Plastic surface mounted package

SOT-323



SOLDERING FOOTPRINT



PACKAGE INFORMATION

Device	Package	Shipping
DAN217U	SOT-323	3000/Tape&Reel