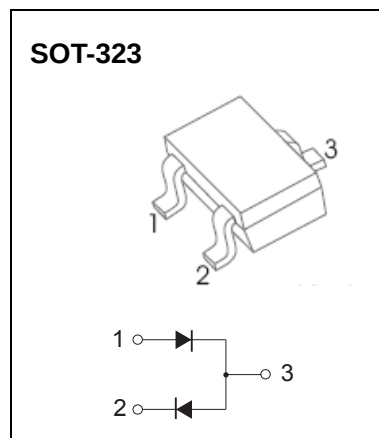


SWITCHING DIODE

FEATURES

- Small surface mounting type
- Two diode elements are connected in series
- **Pb-Free package is available**
RoHS product for packing code suffix "G"
Halogen free product for packing code suffix "H"
- **Moisture Sensitivity Level 1**

MARKING:A7



Maximum Ratings and Electrical Characteristics, Single Diode @Ta=25 °C

Parameter	Symbol	Limit	Unit
Peak reverse voltage	V_{RM}	80	V
DC reverse voltage	V_R	80	V
Maximum (peak) forward current	I_{FM}	300	mA
Average forward current	I_O	100	mA
Surge current (1μs) (10ms)	I_{FSM}	400 1000	mA
Power dissipation	P_D	200	mW
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	-55~+150	°C
Operating temperature range	T_{opr}	-40~+100	°C

ELECTRICAL CHARACTERISTICS (Ta=25°C unless otherwise specified)

Parameter	Symbol	Test conditions	Min	Max	Unit
Reverse breakdown voltage	$V_{(BR)}$	$I_R = 100\mu A$	80		V
Reverse voltage leakage current	I_R	$V_R = 70V$		0.2	μA
Forward voltage	V_F	$I_F = 100mA$		1200	mV



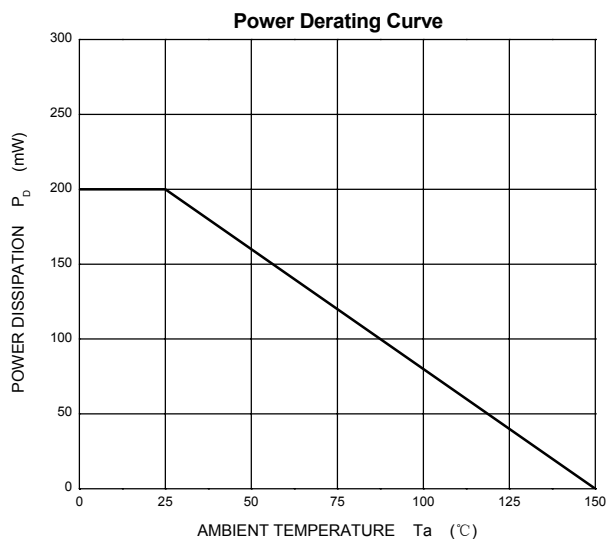
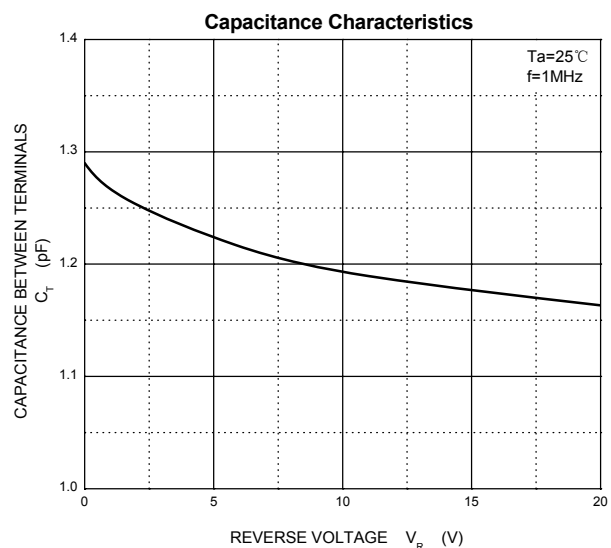
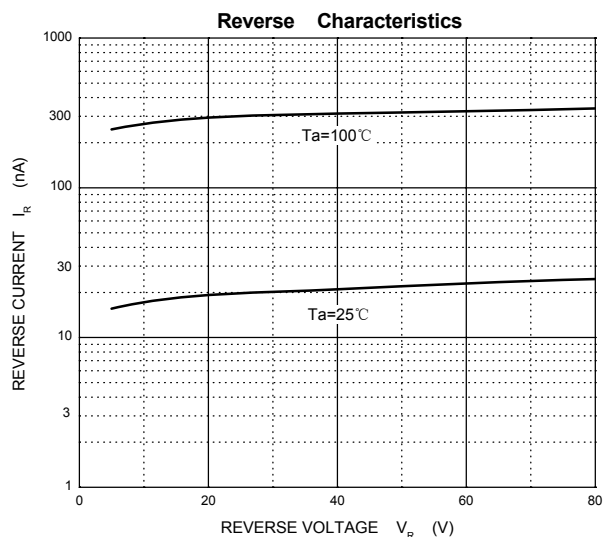
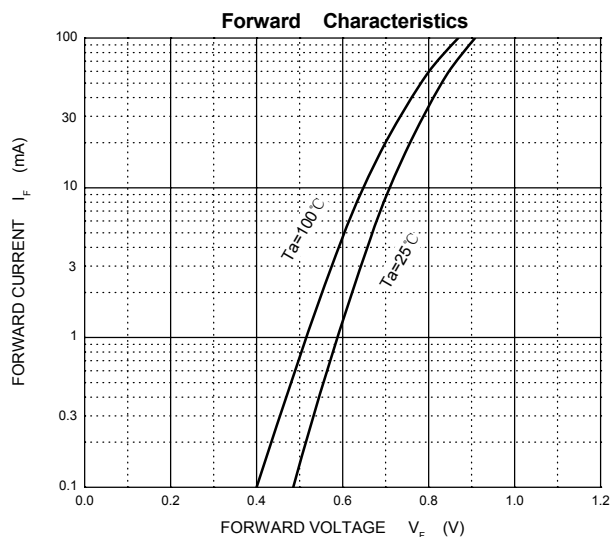
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SOT-323 Plastic-Encapsulate Diodes

DAN217U

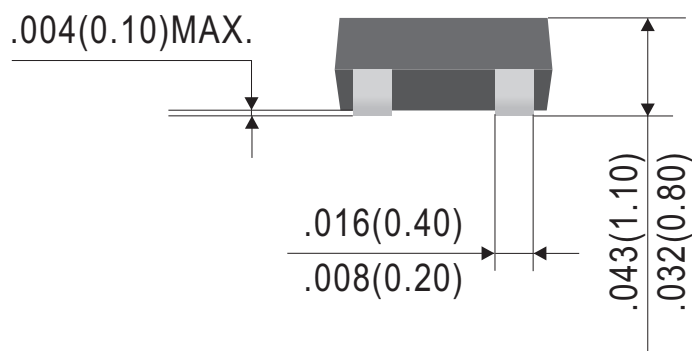
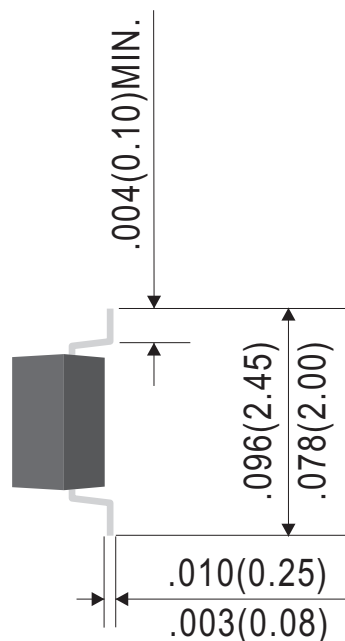
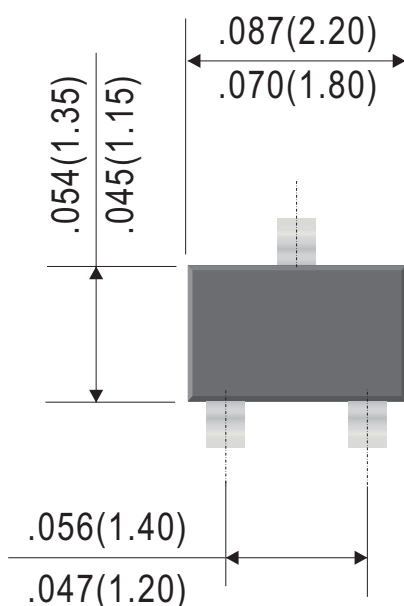
Typical Characteristics





Outline Drawing

SOT-323



Dimensions in inches and (millimeters)

Rev.D

Ordering Information:

Device PN	Packing
DAN217U-T ⁽¹⁾ G ⁽²⁾ -WS	Tape&Reel: 3 Kpcs/Reel

Note: (1) Packing code, Tape&Reel Packing

(2) RoHS product for packing code suffix "G" ; Halogen free product for packing code suffix "H"

*****Disclaimer*****

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