



# 200mW DAP202U SWITCHING DIODE

## DAP202U SWITCHING DIODE

### FEATURES:

Power dissipation

$$P_D: 200 \text{ mW (} T_{amb}=25^\circ\text{C)}$$

Collector current

$$I_F: 100 \text{ mA}$$

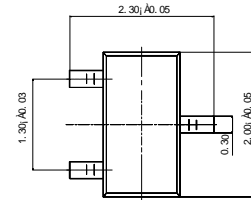
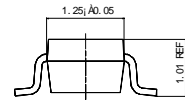
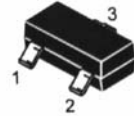
Collector-base voltage

$$V_R: 80 \text{ V}$$

Operating and storage junction temperature range

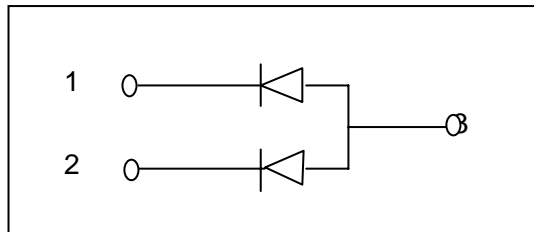
$$T_J, T_{stg}: -55^\circ\text{C to } +150^\circ\text{C}$$

### SOT-323



Unit mm

### CIRCUIT:



### MARKING: P

### ELECTRICAL CHARACTERISTICS ( $T_{amb}=25^\circ\text{C}$ 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	$V_F$	$I_F=100\text{mA}$		1.2	V
Diode capacitance	$C_D$	$V_R=6\text{V}, f=1\text{MHz}$		3.5	pF
Reverse recovery time	$t_{rr}$	$V_R=6\text{V}, I_F=5\text{mA}$		4	ns