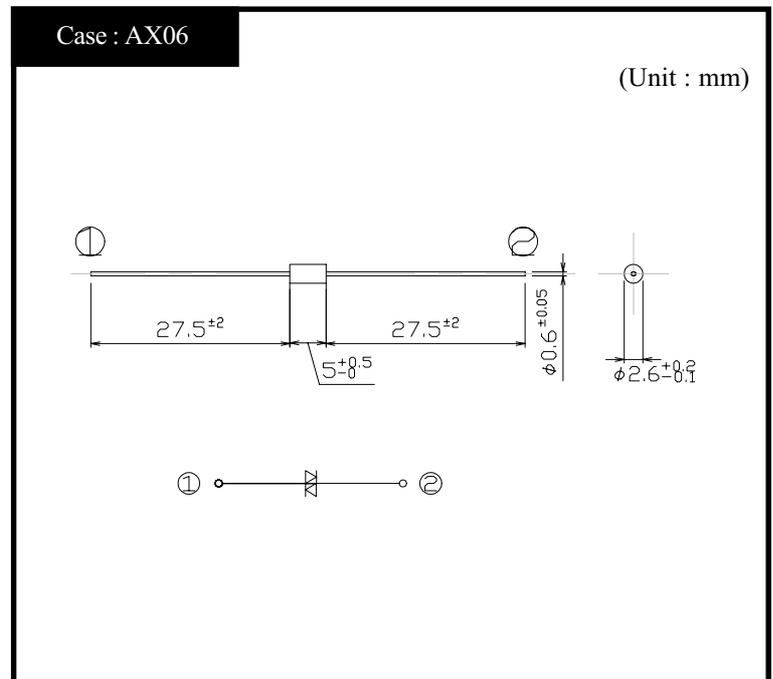


# VR60B(A)

### OUTLINE DIMENSIONS



### RATINGS

#### ● Absolute Maximum Ratings

Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	$T_{stg}$		-30~125	°C
Junction Temperature	$T_j$		125	°C
Average Rectified Forward Current	$I_O$	$T_a = 40^\circ\text{C}$ , Sine wave, R-load Commercial frequency, On glass-epoxy substrate	0.5	Arms
Peak Surge Forward Current	$I_{FSM}$	50Hz, Sine wave, 1 cycle, Non-repetitive, $T_I = 25^\circ\text{C}$	16	Arms

#### ● Electrical Characteristics ( $T_I=25^\circ\text{C}$ )

Item	Symbol	Conditions	Ratings	Unit
Forward Voltage	$V_F$	$I_F = 1.0\text{A}$	MAX 1.5	V
Reverse Current	$I_R$	$V_R = 0.2\text{V}$	MAX 20	$\mu\text{A}$
Thermal Resistance	$\theta_{ja}$	Junction to ambient	MAX 156	°C/W