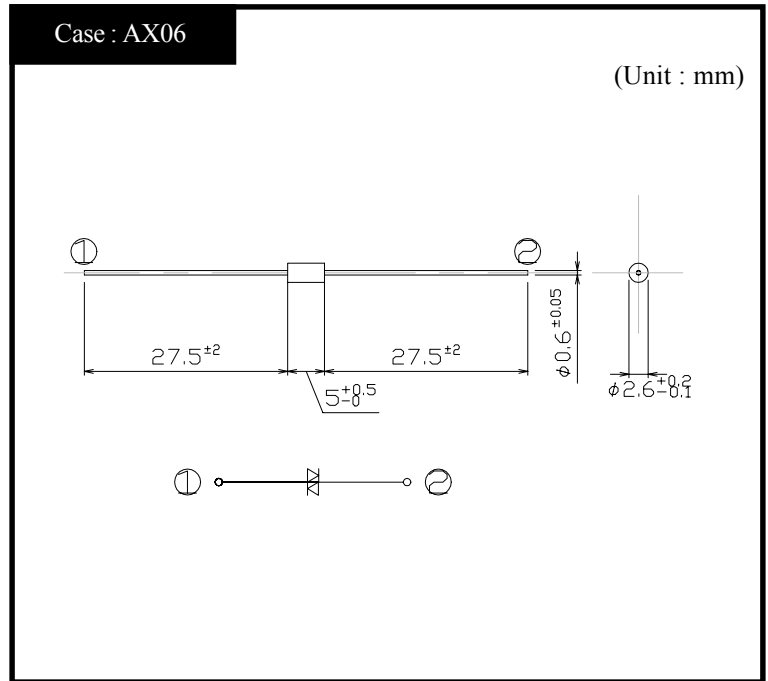


VR51B(A)

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°C, Sine wave, R-load Commercial frequency, On glass-epoxy substrate	0.15	Arms
Peak Surge Forward Current	I _{FSM}	50Hz, Sine wave, 1 cycle, Non-repetitive, T _l = 25°C	7.5	Arms

● Electrical Characteristics (T_l=25°C)

Item	Symbol	Conditions	Ratings	Unit
Forward Voltage	V _F	I _F = 1mA	1.55~2.05	V
		I _F = 10mA	1.85~2.35	
		I _F = 70mA	2.15~2.65	
Thermal Resistance	θ _{ja}	Junction to ambient	MAX 270	°C/W