

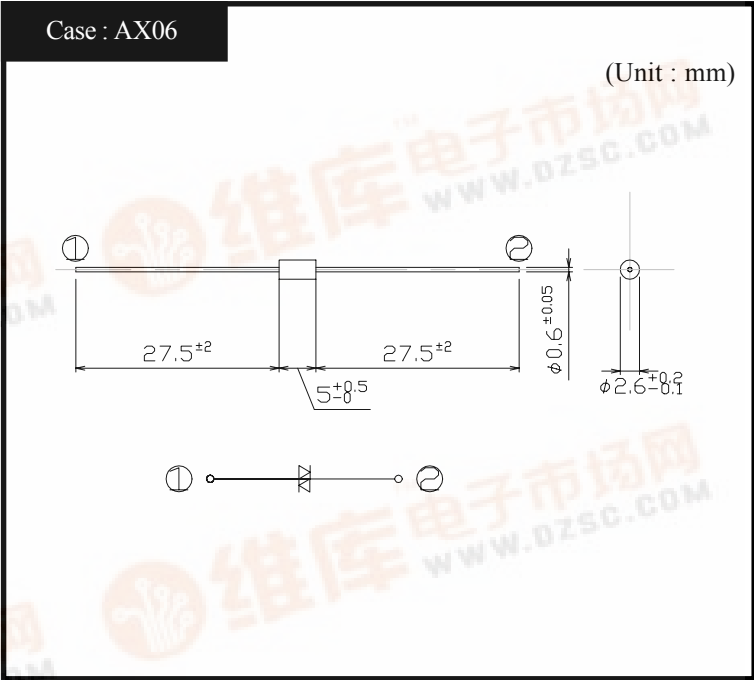
SHINDENGEN

Varistor

Axial Package

VR51B(A)

OUTLINE DIMENSIONS



RATINGS

●Absolute Maximum Ratings

Item	Symbol	Conditions	Ratings	Unit
Storage Temperature	T _{stg}		-30~125	℃
Junction Temperature	T _j		125	℃
Average Rectified Forward Current	I _O	T _a = 40℃, 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 _I = 25℃	7.5	Arms

●Electrical Characteristics (T_I=25℃)

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	℃/W

