

**MZ7 TYPE THERMISTOR** for Degaussing

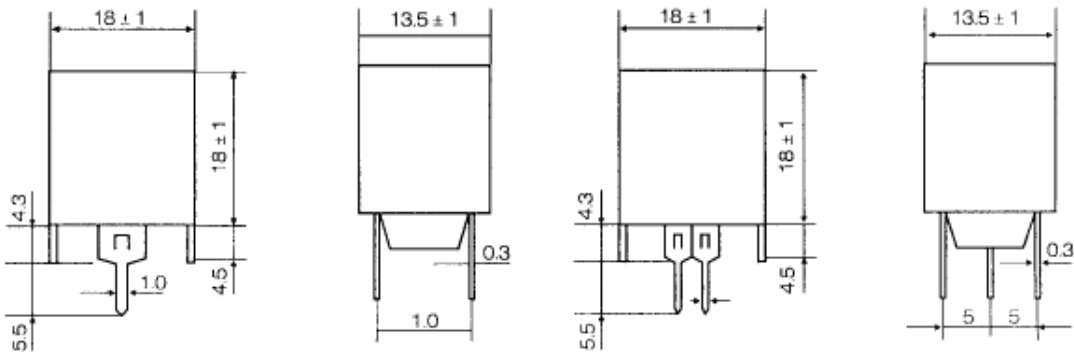
**FEATURES**

Superior degaussing component of colour TV set and monitor.  
Current-Limited unite in AC circuit.

**APPLICATION ENVIROMENTAL CONDITIONS**

Environmental temperature:-10℃ ~ +85℃  
Relative humidity:93±2%(+40℃ ±2℃)  
Vibration frequency 1 0~55Hz  
Acceleration:98m/s²

**DIMENSIONS**

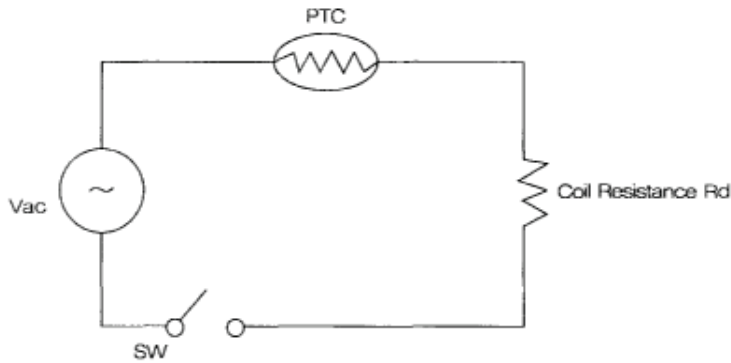


**MAIN TECHNICAL Parameter**

PartNo.	Resistance Value	WorkingVoltage	MaxValtage	(25℃) Current Attenuation Characteristic		
				I <sub>0</sub> P-P(A)	I <sub>1</sub> P-P(mA)3'	I <sub>2</sub> rms(mA)60'
MZ72-7RM	7±20%	220	270	≥18	≤300	≤10
MZ72-9RM	9±20%	220	270	≥18	≤300	≤10
MZ72-12RM	12±20%	220	270	≥18	≤300	≤10
MZ72-14RM	14±20%	220	270	≥18	≤300	≤10
MZ72-18RM	18±20%	220	270	≥18	≤300	≤8
MZ72-20RM	20±20%	220	270	≥18	≤300	≤8
MZ73-7RM	7±20%	220	270	≥18	≤300	≤7
MZ73-9RM	9±20%	220	270	≥18	≤300	≤7
M773-12RM	12±20%	220	270	≥18	≤300	≤6
MZ73-14RM	14±20%	220	270	≥18	≤300	≤4
MZ73-18RM	18±20%	220	270	≥18	≤300	≤3
MZ73-27RM	27±20%	220	270	≥18	≤300	≤3
MZ73-36RM	36±20%	220	270	≥18	≤300	≤3

## APPLICATION CIRCUIT

This is a basic degaussing circuit, if residual currents requested zero, this circuit usually a switch. When necessary the switch is turned off.



### Current-Time Characteristic(Dynamic Characteristic)

Heating element (1) causes the resistance value of Element (2) to increase and make the stable current extremely small. Thus in many cases, the circuit is designed to be linked to the power switch so that degaussing is performed automatically when the power is turned on.

When excessing power is applied to the themistor,a large current flow momenarily,then the self-heating feature of the themistor causes the resistance value to increase and the current value to decrease. Thus, the thermistor controls degaussing function ideally.

