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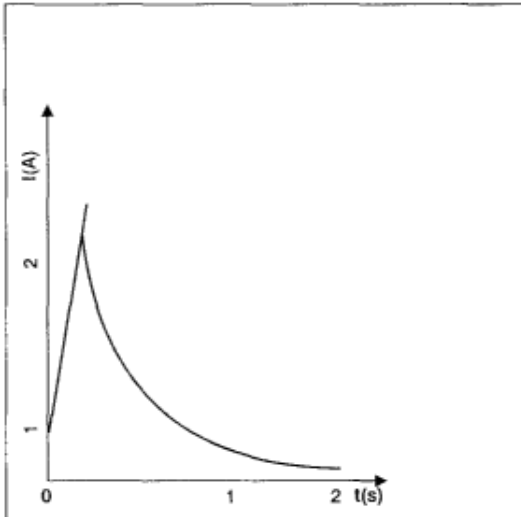


PTC THERMISTOR

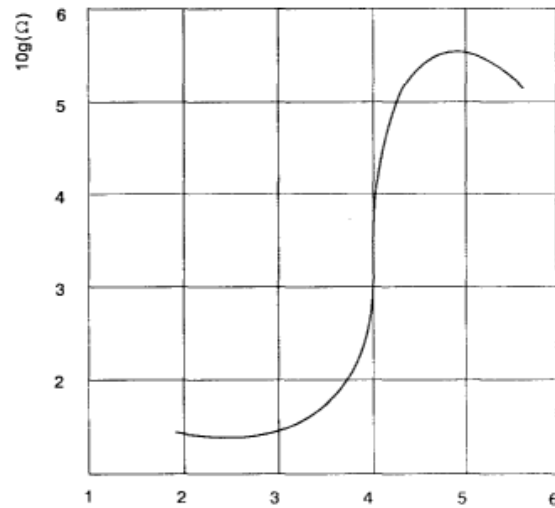
FEATURES

- * High ageing coefficient
- * Superior withstanding voltage oxidation-resistance

CHARACTERISTICS



Current-Time Curve



Resistance-Temperature Curve

HOW TO ORDER

MZ 2 1 L 201 R M
 ① ② ③ ④ ⑤ ⑥ ⑦

①
 PTC
 Thermistor

② Product style	
7	Degaussing
9	P~ Starter
2	Current-Limited
3	Delay-Time
4	Auto-Control-heat

③ Sequence No.	
MZ7	The number expresses No. of pin
MZ2	1.Coating type
MZ9	2.Plastic type
	3.Empty body
MZ3	No mark
MZ4	1. Round
	2. Queue

④ switch Temperature	
L	40°C
K	60°C
M	80°C
N	100°C
P	120°C
R	135°C

⑤ Resistance Value
 201=20x10
 8R0=8.0

⑥ OHM		⑦ Tolerance	
	K	±	10%
	M	±	20%
	N	±	30%

MZ7 TYPE THERMISTOR for Degaussing

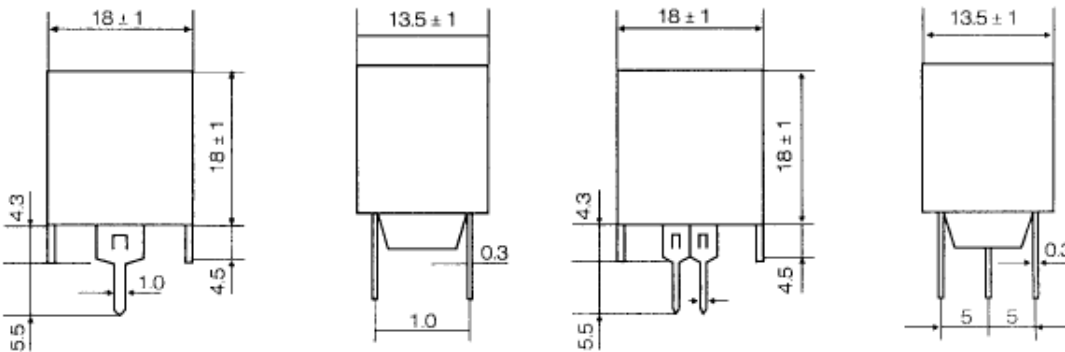
FEATURES

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

APPLICATION ENVIROMENTAL CONDITIONS

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

DIMENSIONS



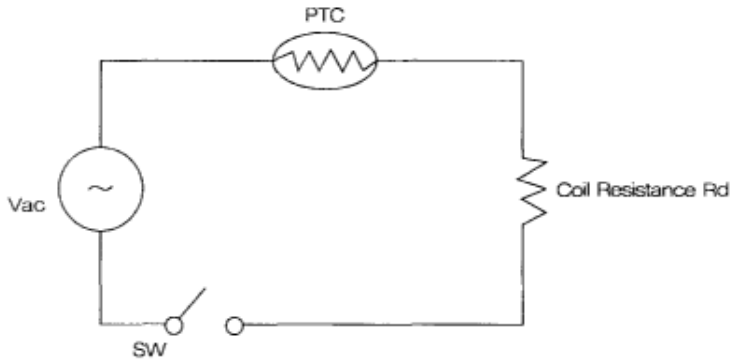
MAIN TECHNICAL Parameter



PartNo.	Resistance Value	Working Voltage	Max Valtage	(25°C) Current Attenuation Characteristic		
				I ₀ P-P(A)	I ₁ P-P(mA)3'	I ₂ 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 excessive power is applied to the thermistor, a large current flows momentarily, then the self-heating feature of the thermistor causes the resistance value to increase and the current value to decrease. Thus, the thermistor controls the degaussing function ideally.

