

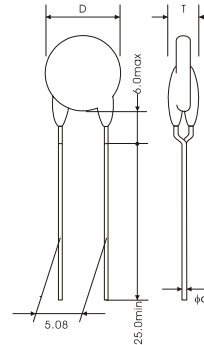
### Characteristics

1. MZ13 series PTC thermistor is pins wire coated parts.
2. Can operate in high current
3. Suitable to operate continuously in 30/60V<sub>AC</sub> (high resistance state)
4. has complete parts
5. Long stability.
6. Do not need to be reset after protection.
7. No contact point, no noise.



### Application

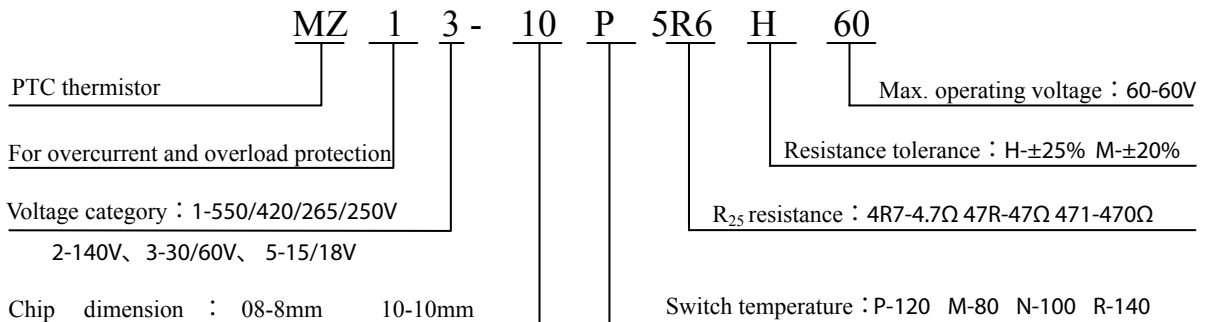
1. Micro-motor
2. Transformer, adapter
3. Electronic circuit



MZ13 Series

### Dimension (unit : mm)

### Part number explanation



### Data Sheet

Part Number	Resistance R <sub>25</sub> (Ω) ±25%	Non-trip current I <sub>nt</sub> (mA)		Tripcurrent @25 I <sub>t</sub> (mA)	Max. operating voltage V <sub>max</sub> (V)	Max. current I <sub>max</sub> (A)	Switch temperature T <sub>c</sub> (°C)	Dimension (mm)		
		@25	@60					D <sub>max</sub>	T <sub>max</sub>	Φd
MZ13-10R1R8H0	1.8	650	550	1300	30	4.3	140 (R)	11.0	4.0	0.6
MZ13-08R1R8H30	1.8	600	500	1100	30	3.0		9.0	4.0	0.6
MZ13-12P1R2H0	1.2	750	600	1500	30	5.5	120 (P)	13.5	4.0	0.6
MZ13-12P1R8H0	1.8	500	430	1000	30	5.5		13.5	4.0	0.6
MZ13-10P2R7H0	2.7	380	320	700	30	4.3		11.0	4.0	0.6
MZ13-08P1R8H0	1.8	550	450	1000	30	3.0		9.0	4.0	0.6
MZ13-08P4R2H0	4.2	280	230	560	30	3.0		9.0	4.0	0.6
MZ13-05P10R1H0	10	170	140	340	30	1.0		6.5	4.0	0.6
MZ13-16P2R3H0	2.3	550	450	1100	60	8.0		17.5	4.0	0.6
MZ13-12P3R7H0	3.7	380	320	750	60	5.5		13.5	4.0	0.6
MZ13-10P5R6H0	5.6	300	250	600	60	4.3		11.0	4.0	0.6



## Overcurrent & overload protection 0~60V

MZ13-08P9R4H60	9.4	180	150	360	60	3.0	120 (P)	9.0	4.0	0.6
MZ13-05P25RH60	25	100	85	200	60	1.0		6.5	4.0	0.6
MZ13-03P55RH60	55	60	50	120	60	0.7		4.5	4.0	0.5
MZ13-08M4R7H60	4.7	180	120	360	60	3.0	80 (M)	9.0	4.0	0.6

### Notes:

1. Part number with \* indicates that the part has been UL listed (UL No. E243011).
2.  $R_{25}$  resistance tolerance can be selected upon customer's requirement.
3. Pin wire kinked form can be selected.
4. Packing can be made upon customer's requirement.