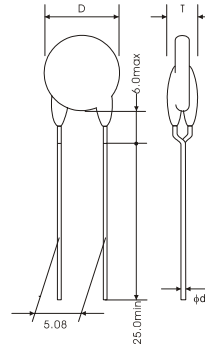


## Characteristics

1. MZ15 series PTC thermistor is pin coated parts.
2. Suitable to operate continuously in 15/18V<sub>AC</sub> (high resistance state)
3. Suitable to operate in high current.
4. Long stability.
5. Small dimension.
6. Do not need to be reset after protection.



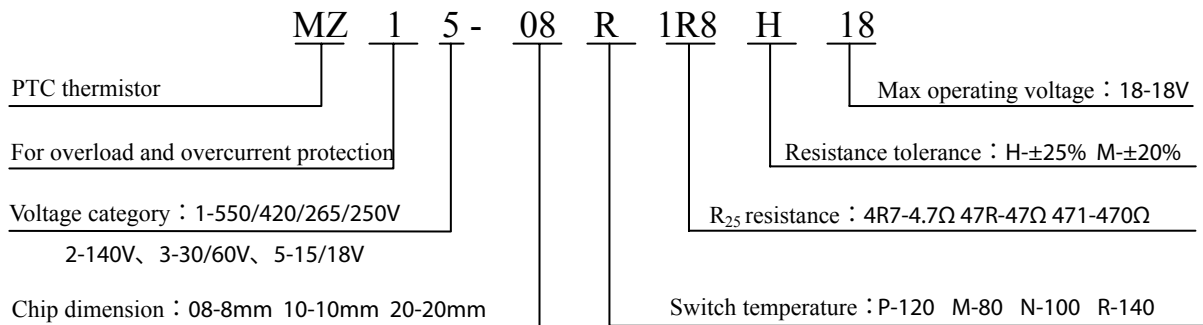
MZ15 Serie

## Application

1. Battery charger
2. Transformer
3. Electronic circuit

## 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 temperatu re T <sub>c</sub> (°C)	Dimension (mm)		
		@25	@60					D <sub>max</sub>	T <sub>max</sub>	Φd
MZ15-10R1R2H15	1.2	850	700	1550	15	4.3	140(R)	11.0	4.0	0.6
*MZ15-08R1R0H15	1.0	850	700	1500	15	3.0		9.0	4.0	0.6
*MZ15-08R1R8H15	1.8	600	500	1100	15	3.0		9.0	4.0	0.6
MZ15-07R1R0H15	1.0	750	600	1350	15	2.5		8.0	4.0	0.6
MZ15-07R1R2H15	1.2	650	550	1200	15	2.5		8.0	4.0	0.6
MZ15-05R4R6H15	4.6	350	300	680	15	1.0		6.5	4.0	0.6
MZ15-03R13RH15	13	180	150	350	15	0.7		4.5	4.0	0.5
MZ15-10P1R2H18	1.2	700	600	1400	18	4.3	120 (P)	11.0	4.0	0.6
*MZ15-08P1R0H18	1.0	650	550	1200	18	3.0		9.0	4.0	0.6
*MZ15-08P1R8H18	1.8	550	450	1000	18	3.0		9.0	4.0	0.6
MZ15-05P4R6H18	4.6	300	250	580	18	1.0		6.5	4.0	0.6
MZ15-03P13RH18	13	145	120	280	18	0.7		4.5	4.0	0.5

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 kinked form can be selected.
  4. Packing can be made upon customer's requirement.
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