

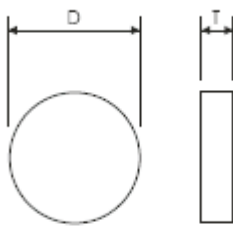
1. Characteristics

- 1.1 SMZ21 series is in disc form, SMZ23 series is coated part, SMZ25 series is pin form without coating
- 1.2 Satisfy ITU-T K20 K21 requirement.
 - Surge current (10/700 μ s)
 - Induction voltage (600V,1A,0.2S)
 - Power line contact (230V,15min.)
- 1.3 Operates continuously in 110/230V_{AC} (high resistance state)
- 1.4 Narrow resistance tolerance (resistance matching)
- 1.5 Long stability
- 1.6 Quick response.
- 1.7 Automatically reset after protection.

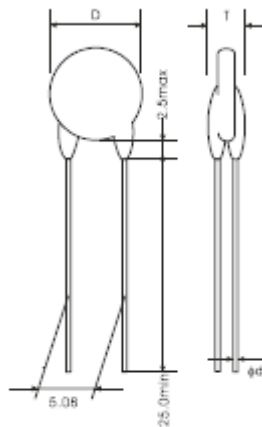
2. Application

- 2.1 Main distribution frame (SMDF)
- 2.2 Telecom equipment
- 2.3 Telephone

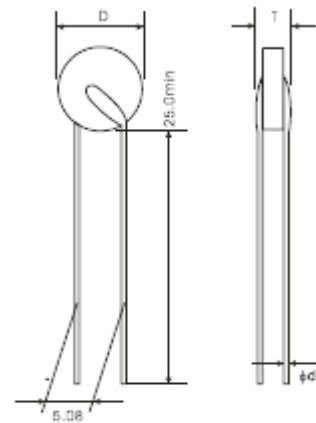
3. Dimension (Unit : mm)



SMZ21 series

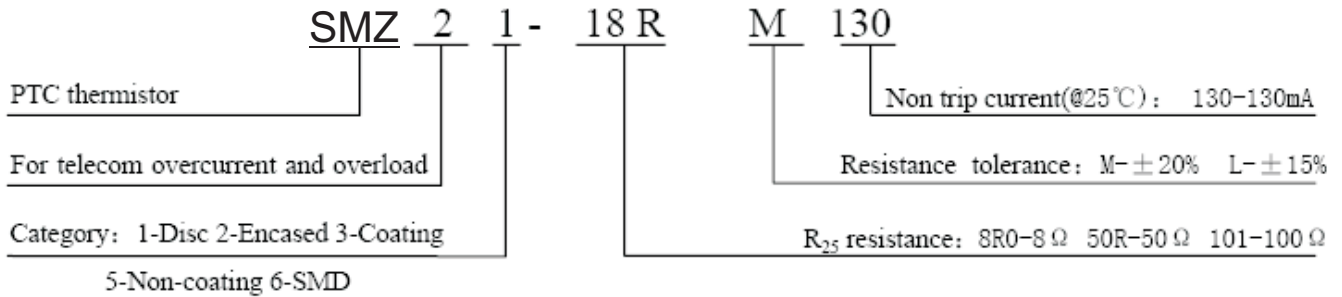


SMZ23 series



SMZ25 series

4. Part number explanation



5. Data Sheet

Part number	Resistance R ₂₅ (Ω) ±20%	Non-trip current Int (mA)		Trip current It (mA)	Tripping time at max. current t(Sec)	Max. current I _{max} (A)	Max. voltage V _{max} (V)	Dimension (mm)		
		@25°C	@40°C					D _{max}	T _{max}	Φd
SMZ21-18RM110	18	110	90	220	<0.15	3	250	5.5	1.5	/
SMZ21-18RM125	18	125	110	250	<0.18	3	250	5.5	2.0	/
SMZ21-18RM130	18	130	110	260	<0.18	3	250	6.2	2.0	/
SMZ21-20RM085	20	85	70	170	<0.18	3	250	6.2	2.0	/
SMZ21-18RM135	18	135	110	270	<0.2	3	250	6.6	2.0	/
SMZ21-10RM150	10	150	130	350	<4.0	1	230	6.6	1.5	/
SMZ25-25RM055	25	55	45	110	<0.4	1	230	5.3	4.0	0.6
SMZ25-25RM060	25	60	50	120	<0.4	1	230	5.3	4.0	0.6
SMZ25-25RM085	25	85	75	170	<0.7	1	230	5.3	4.0	0.6
SMZ25-20RM145	20	145	100	250	<0.2	3	250	6.6	4.0	0.6
SMZ25-10RM130	10	130	110	260	<4.0	1	230	6.6	4.0	0.6
SMZ25-10RM150	10	150	135	300	<7.0	1	230	8.2	4.0	0.6
SMZ25-18RM125	18	125	110	250	<1.0	1	230	5.5	4.0	0.6
SMZ23-18RM135	18	135	110	270	<0.2	3	250	7.5	4.5	0.6
SMZ23-18RM110	18	110	90	220	<0.2	3	250	9.0	4.5	0.6
SMZ23-20RM100	20	100	80	200	<0.2	3	250	9.0	4.5	0.6
SMZ23-25RM090	25	90	70	180	<0.2	3	250	9.0	4.5	0.6

- Notes: 1. R25 resistance tolerance can be selected upon customer's requirement.
 2. Packing can be selected upon customer's requirement.