



Features

- ◆ Radial Leaded Devices
- ◆ Cured, flame retardant epoxy polymer insulating material meets UL 94V-0 requirements
- ◆ Voltage: 120Vac and 240Vac

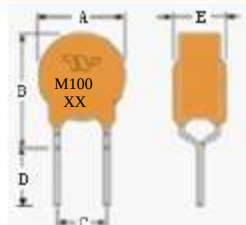
Applications

- ◆ Security and fire alarm systems
- ◆ Motor, Blower
- ◆ Electronics load
- ◆ Modems and DSL
- ◆ Medical equipment
- ◆ POS
- ◆ GPS receiver
- ◆ Industrial control

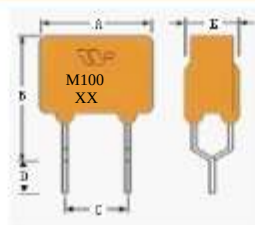
Electrical Characteristics

P/N	I _H (A)	I _T (A)	V _{max} (V _{ac})	I _{max} (A)	V _{max} (V)	Time to Trip		Pd _{typ} (W)	R _{min} (Ω)	R _{max} (Ω)	R1 _{max} (Ω)
						(A)	(Sec.)				
TRM005	0.05	0.12	240	1.0	265	0.25	10	0.7	18.5	34.4	65
TRM008	0.08	0.19	240	1.2	265	0.40	10	0.8	7.4	13.8	26
TRM012	0.12	0.30	240	1.2	265	0.60	15	1.0	3.0	5.58	12
TRM016	0.16	0.37	240	2.0	265	0.80	15	1.4	2.5	4.65	7.8
TRM025	0.25	0.56	240	3.5	265	1.25	18.5	1.5	1.3	2.42	3.8
TRM033	0.33	0.74	240	4.5	265	1.65	18.5	1.7	0.83	1.8	2.80
TRM040	0.40	0.90	240	5.5	265	2.00	24.0	2.0	0.60	1.12	1.90
TRM055	0.55	1.25	240	7.0	265	2.75	26.0	3.4	0.45	0.84	1.45
TRM075	0.75	1.50	240	7.5	265	3.75	18.0	2.6	0.32	0.62	0.99
TRM100	1.00	2.00	240	10.0	265	5.00	21.0	2.9	0.22	0.42	0.65
TRM125	1.25	2.50	240	12.5	265	6.25	23.0	3.3	0.16	0.35	0.59
TRM150	1.50	3.00	240	15.0	265	7.50	25.0	3.5	0.12	0.28	0.47
TRM200	2.00	4.00	240	20.0	265	10.0	28.0	4.5	0.09	0.16	0.27

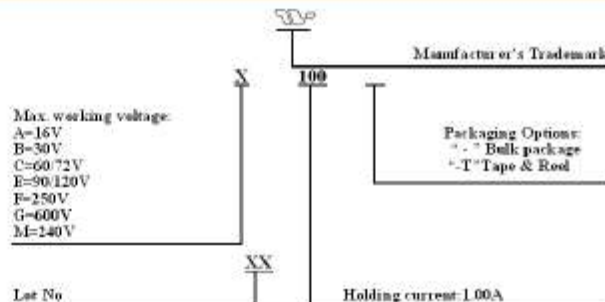
Product Dimensions & Marking (Unit: mm)



Style1



Style2



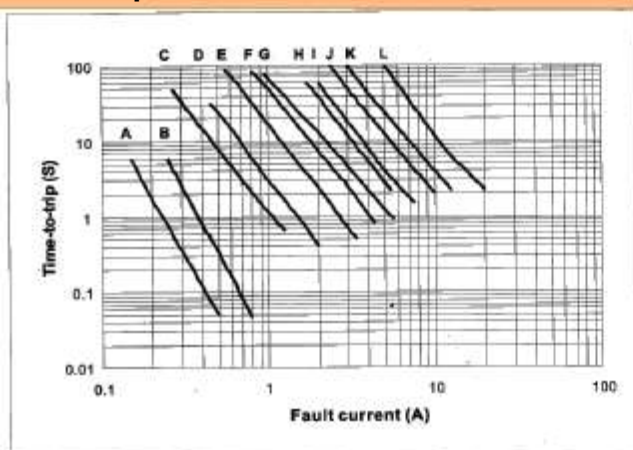
P/N	A	B	C	D	E	Physical Characteristics		
	Max.	Max.	Typ.	Min.	Max.	Style	Lead Φ mm	Material
TRM005	9.7	14.5	5.1	7.6	3.8	1	0.60	CP
TRM008	9.7	14.5	5.1	7.6	3.8	1	0.60	CP
TRM012	9.7	14.5	5.1	7.6	3.8	1	0.60	CP
TRM016	9.9	15.0	5.1	7.6	3.8	1	0.60	CP
TRM025	11.0	17.4	5.1	7.6	3.8	1	0.60	CP
TRM033	11.4	16.5	5.1	7.6	3.8	1	0.60	CP
TRM040	13.2	18.4	5.1	7.6	3.8	2	0.60	CP
TRM055	14.0	19.5	5.1	7.6	3.8	2	0.60	CP
TRM075	15.4	23.9	5.1	7.6	4.0	3	0.81	CU
TRM100	18.7	24.4	5.1	7.6	4.0	3	0.81	CU
TRM125	19.2	27.4	10.2	7.6	4.0	3	0.81	CU
TRM150	20.8	29.8	10.2	7.6	4.0	3	0.81	CU
TRM200	24.9	33.8	10.2	7.6	4.0	3	0.81	CU

Thermal Derating Chart – I_{hold} (Amps)

P/N	Ambient Operating Temperature								
	-40°C	-20°C	0°C	25°C	40°C	50°C	60°C	70°C	85°C
TRM005	0.08	0.07	0.06	0.05	0.04	0.04	0.03	0.03	0.02
TRM008	0.13	0.11	0.10	0.08	0.06	0.06	0.05	0.04	0.03
TRM012	0.19	0.17	0.14	0.12	0.10	0.08	0.07	0.06	0.05
TRM016	0.25	0.22	0.19	0.16	0.13	0.11	0.10	0.08	0.06
TRM025	0.40	0.35	0.30	0.25	0.20	0.18	0.15	0.13	0.10
TRM033	0.52	0.46	0.39	0.33	0.26	0.23	0.20	0.17	0.13
TRM040	0.63	0.55	0.48	0.40	0.32	0.28	0.24	0.20	0.15
TRM055	0.87	0.76	0.65	0.55	0.44	0.39	0.33	0.28	0.21
TRM075	1.19	1.04	0.89	0.75	0.60	0.53	0.45	0.38	0.29
TRM100	1.58	1.38	1.19	1.00	0.80	0.70	0.60	0.50	0.38
TRM125	1.98	1.73	1.49	1.25	1.00	0.88	0.75	0.63	0.48
TRM150	2.40	2.00	1.80	1.50	1.20	1.00	0.90	0.75	0.60
TRM200	3.16	2.76	2.38	2.00	1.60	1.40	1.20	1.00	0.76

Typical time to trip at 25°C

A=TRM005
 B=TRM008
 C=TRM012
 D=TRM016
 E=TRM025
 F=TRM033
 G=TRM040
 H=TRM055
 I=TRM075
 J=TRM100
 K=TRM125
 L=TRM200



The Time to Trip curves represent typical performance of a device in a simulated application environment. Actual performance in specific customer applications may differ from these values due to the influence of other variables.

Agency Approvals

- Agency Approvals: TUV
- Regulation/Standard: RoHS, Reach, HF

Package information

Model	Q'ty/bag
TRM005-TRM040, TRM075	1000 pcs
TRM055	500 pcs
TRM100-TRM200	200 pcs

- Tape and Reel Specifications

Devices taped using EIA468-B/IEC286-2 standards.