

**POLYMER PTC  
RESETTABLE FUSE**

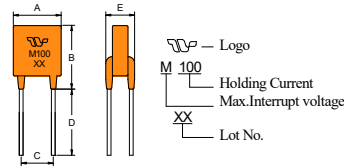


电路保护元器件专业制造商  
Part Number: TLC-TRM100

**1. Physical Dimensions**

Unit:mm

P/N	A	B	C	D	E	Lead
	Max.	Max.	TYP.	Nor.	Max.	Φ
TRM100	23.3	26.4	5.1	10±2	4.0	0.80



**2. Electrical Characteristics**

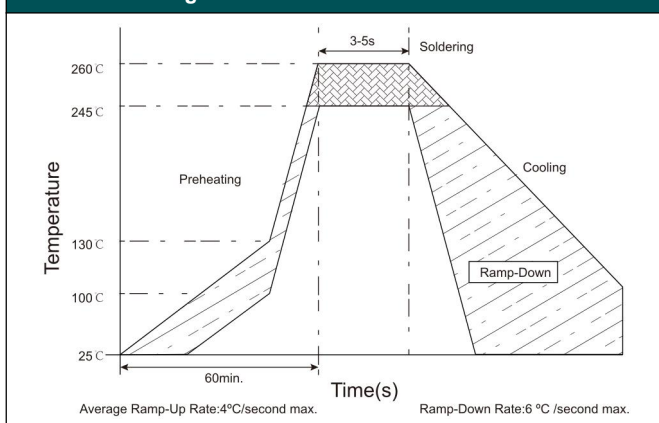
P/N	I <sub>H</sub>	I <sub>T</sub>	V <sub>max</sub> OP V <sub>ac</sub>	I <sub>max</sub>	V <sub>max</sub> Interrupt V <sub>rms</sub>	T <sub>trip</sub> (Max time to trip)		Pd <sub>typ</sub>	R <sub>min</sub>	R <sub>max</sub>	R1 <sub>max</sub>
	(A)	(A)	(V)	(A)	(V)	Current(A)	time(S)	(W)	(Ω)	(Ω)	(Ω)
TRM100	1.00	2.00	240	10.0	265	5.00	21.0	2.9	0.22	0.55	0.70

- I<sub>H</sub>: Holding Current: maximum current at which the device will not trip in 25°C still air.
- I<sub>T</sub>: Tripping Current minimum current at which the device will trip in 25°C still air.
- V<sub>max</sub>: Maximum voltage device can withstand without damage at rated current.
- I<sub>max</sub>: Maximum fault current device can withstand without damage at rated voltage.
- T<sub>trip</sub>: Maximum time to trip(s) at assigned current.
- Pd<sub>typ</sub>: Rated working power.
- R<sub>min</sub>: Minimum resistance of device prior to trip at 25°C.
- R<sub>max</sub>: Maximum resistance of device prior to trip at 25°C.
- R1<sub>max</sub>: Maximum resistance of device is measured one hours post reflow at 25°C.

**3. Thermal Derating (Maximum ambient operating temperature)**

P/N	-40°C	-20°C	0°C	25°C	40°C	50°C	60°C	70°C	85°C
TRM100	1.58	1.38	1.19	1.00	0.80	0.70	0.60	0.50	0.38

**4. Wave Soldering Parameters**



**5. Package Information**

Packing quantity: 200pcs/bag

Tape and Reel Specifications:

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

Storage Condition: 0°C ~35°C, ≤70%RH, 2 Years

**6. Agency Recognition: TUV**



Caution: Operation beyond the rated voltage or current may result in rupture electrical arcing or flame. Specifications are subject to change without notice.

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