

**POLYMER PTC
RESETTABLE FUSE**

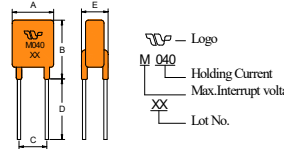


电路保护元器件专业制造商
Part Number: TLC-TRM040

1. Physical Dimensions

Unit:mm

P/N	A	B	C	D	E	Lead
	Max.	Max.	TYP.	Nor.	Max.	Φ
TRM040	13.2	18.5	5.1	10±2	3.8	0.60



2. Electrical Characteristics

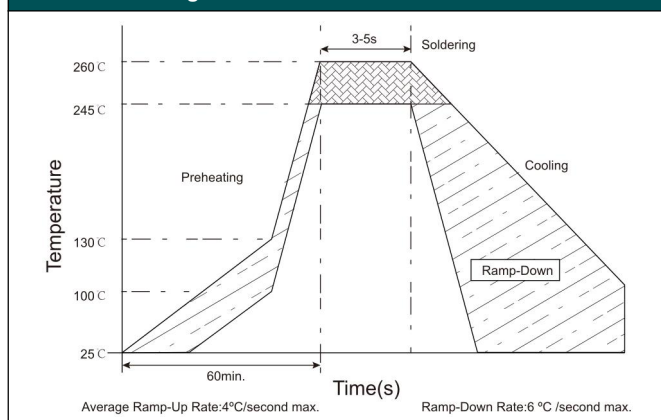
P/N	I_H	I_T	$V_{max\ OP}$ V_{ac}	I_{max}	$V_{max\ Interrupt}$ V_{rms}	T_{trip} (Max time to trip)		$P_{d\ typ}$	R_{min}	R_{max}	$R1_{max}$
	(A)	(A)	(V)	(A)	(V)	Current(A)	time(S)	(W)	(Ω)	(Ω)	(Ω)
TRM040	0.40	0.90	240	5.5	265	2.00	24.0	2.0	0.60	1.12	1.90

- I_H : Holding Current: maximum current at which the device will not trip in 25°C still air.
- I_T : Tripping Current minimum current at which the device will trip in 25°C still air.
- V_{max} : Maximum voltage device can withstand without damage at rated current.
- I_{max} : Maximum fault current device can withstand without damage at rated voltage.
- T_{trip} : Maximum time to trip(s) at assigned current.
- $P_{d\ typ}$: Rated working power.
- R_{min} : Minimum resistance of device prior to trip at 25°C.
- R_{max} : Maximum resistance of device prior to trip at 25°C.
- $R1_{max}$: 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
TRM040	0.63	0.55	0.48	0.40	0.32	0.28	0.24	0.20	0.15

4. Wave Soldering Parameters



5. Package Information

Packing quantity: 500pcs/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.

Web: www.tlcet.com.cn www.winvast.cn

TEL: 86-0769-3892 0554

FAX: 86-0769-8793 2077

E-mail: Tina@tlcet.com.cn

Address: No. 18, 5th GaoLi Road, TangXia Town, DongGuan, GuangDong, P.R China 523710

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