

**POLYMER PTC
RESETTABLE FUSE**

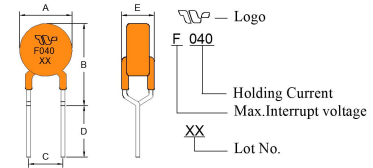


电路保护元器件专业制造商
Part Number: TLC-TRF040

1. Physical Dimensions

Unit:mm

P/N	A	B	C	D	E	Lead
	Max.	Max.	TYP.	Nor.	Max.	Φ
TRF040	11.7	17.0	10±1	7.6	3.8	0.60



2. Electrical Characteristics

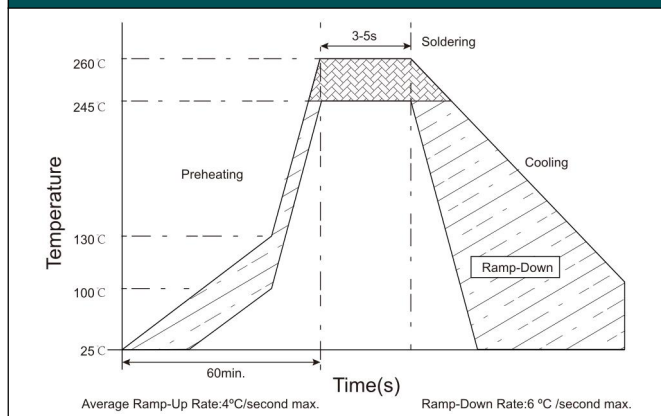
P/N	I _H	I _T	V _{max} OP V _{dc}	I _{max}	V _{max} Interrupt V _{rms}	T _{trip} (Max time to trip)		Pd _{typ}	R _{min}	R _{max}	R1 _{max}
	(A)	(A)	(V)	(A)	(V)	Current(A)	time(S)	(W)	(Ω)	(Ω)	(Ω)
TRF040	0.400	0.800	60	5.5	250	3.0	8	1.8	0.80	1.60	3.20

- 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.
- Pd_{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
TRF040	0.620	0.550	0.475	0.400	0.33	0.295	0.255	0.220	0.165

4. Wave Soldering Parameters



5. Package Information

Packing quantity: 1000pcs/bag
Tape and Reel : 1500pcs/reel
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, UL



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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Revision: G
Date: 2025-03-21

