

**POLYMER PTC
RESETTABLE FUSE**

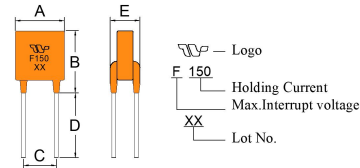


电路保护元器件专业制造商
Part Number:TLC-TRF150

1.Physical Dimensions

Unit:mm

P/N	A	B	C	D	E	Lead
	Max.	Max.	TYP.	Nor.	Max.	Φ
TRF150	20.8	29.8	10.2	10±2	3.8	0.80



2.Electrical Characteristics

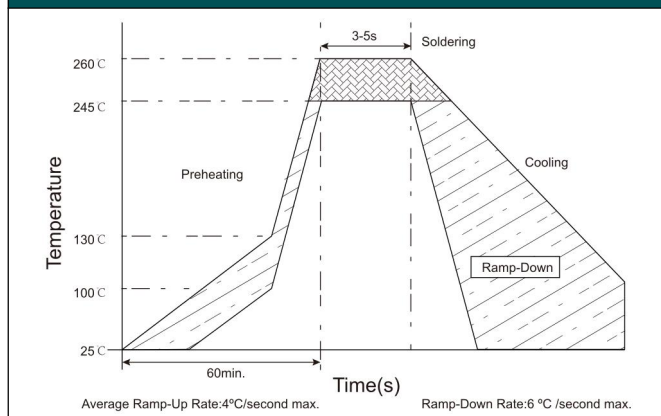
P/N	I_H	I_T	V_{max} OP V_{dc}	I_{max}	V_{max} Interrupt V_{rms}	T_{trip} (Max time to trip)		P_{dtyp}	R_{min}	R_{max}	$R1_{max}$
	(A)	(A)	(V)	(A)	(V)	Current(A)	time(S)	(W)	(Ω)	(Ω)	(Ω)
TRF150	1.50	3.00	60	15	250	7.50	25.0	3.5	0.12	0.28	0.68

- I_H : Holding Current: maximum current at which the device will not trip in 25℃ still air.
- I_T : Tripping Current minimum current at which the device will trip in 25℃ 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_{dtyp} : Rated working power.
- R_{min} : Minimum resistance of device prior to trip at 25℃.
- R_{max} : Maximum resistance of device prior to trip at 25℃.
- $R1_{max}$: Maximum resistance of device is measured one hours post reflow at 25℃.

3.Thermal Derating (Maximum ambient operating temperature)

P/N	-40℃	-20℃	0℃	25℃	40℃	50℃	60℃	70℃	85℃
TRF150	2.40	2.00	1.80	1.50	1.20	1.10	0.90	0.80	0.60

4.Wave Soldering Parameters



5.Package Information

Packing quantity:200pcs/bag
Storage Condition:0℃ ~35℃, ≦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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