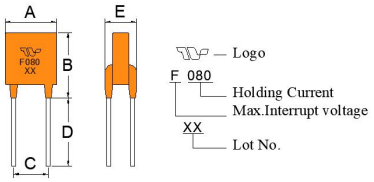
POLYMER PTC RESETTABLE FUSE	TLC Electronic 竞沃电子	电路保护元器件专业制造商 Part Number:TLC-TRF080

1.Physical Dimensions Unit:mm

P/N	A	B	C	D	E	Lead
	Max.	Max.	TYP.	Nor.	Max.	Φ
TRF080	16.3	21.3	5.1	10±2	3.8	0.80



2.Electrical Characteristics

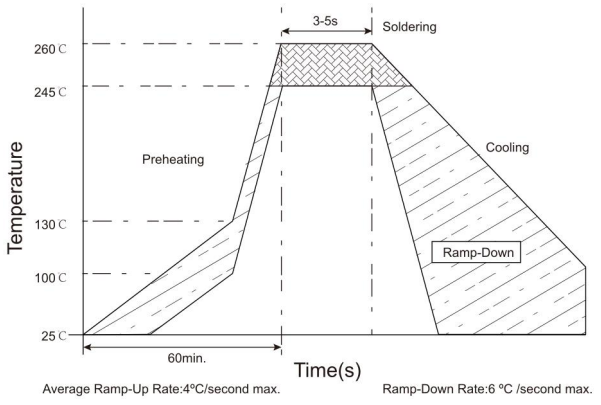
P/N	I_H	I_T	V_{max} OP V_{dc}	I_{max}	V_{max} Interrupt V_{rms}	T_{trip} (Max time to trip)		Pd_{typ}	R_{min}	R_{max}	$R1_{max}$
	(A)	(A)	(V)	(A)	(V)	Current(A)	time(S)	(W)	(Ω)	(Ω)	(Ω)
TRF080	0.80	1.60	60	8.0	250	4.0	18	3.6	0.32	0.80	1.44

- 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.
- Pd_{typ}: 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℃
TRF080	1.240	1.100	0.950	0.800	0.660	0.590	0.510	0.440	0.330

4.Wave Soldering Parameters



5.Package Information

Packing quantity:500pcs/bag

Storage Condition:0ºC ~35ºC, ≦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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