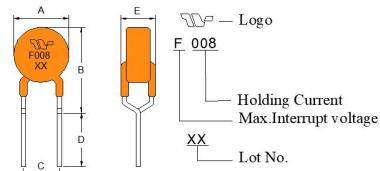


1. Physical Dimensions

Unit:mm

P/N	A	B	C	D	E	Lead
	Max.	Max.	TYP.	Nor.	Max.	$\Phi$
TRF008	7.4	12.7	5.1	10±1	4.5	0.60



2. Electrical Characteristics

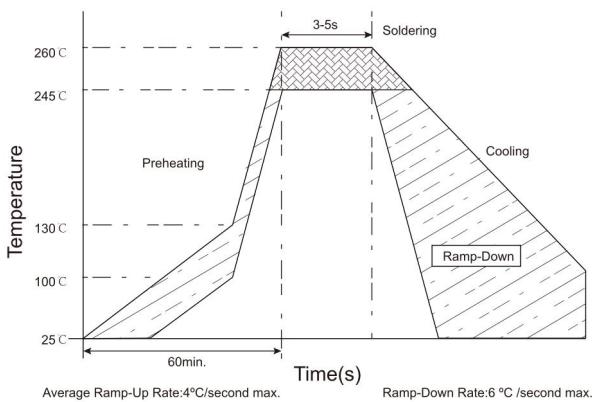
P/N	I <sub>H</sub>	I <sub>T</sub>	V <sub>max</sub> OP V <sub>dc</sub>	I <sub>max</sub>	V <sub>max</sub> Interrupt V <sub>rms</sub>	T <sub>trip</sub> (Max time to trip)		P <sub>dtyp</sub>	R <sub>min</sub>	R <sub>max</sub>	R <sub>1max</sub>
	(A)	(A)	(V)	(A)	(V)	Current(A)	time(S)	(W)	(Ω)	(Ω)	(Ω)
TRF008	0.08	0.16	60	3.0	250	0.35	5.5	1.0	14.0	22.0	33.0

- 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.
- P<sub>dtyp</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.
- R<sub>1max</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
TRF008	0.124	0.110	0.095	0.080	0.066	0.059	0.051	0.044	0.033

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.

