

POLYMER PTC RESETTABLE FUSE

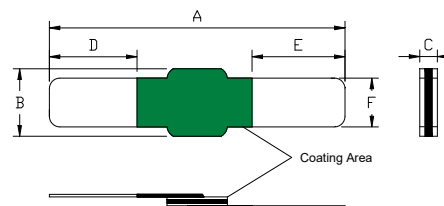


Part Number:TAL410

1、Physical Dimensions

Unit:mm

| Model | A | B | C | D | E | F |
|--------|----------|----------|------|------|------|---------|
| | Nor. | Nor. | Max. | Nor. | Min. | Nor. |
| TAL410 | 14.7±0.5 | 3.6±0.15 | 1.1 | 3.0 | 3.0 | 2.3±0.1 |



2、Electrical Characteristics

| Model | I _H (A) | I _T (A) | V _{max} (V) | I _{max} (A) | T (Max time to trip) | | Pd _{typ} (W) | R _{min} (Ω) | R _{max} (Ω) | R1 _{max} (Ω) |
|--------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|-----|--------------------------|-------------------------|-------------------------|--------------------------|
| | | | | | (A) | (S) | | | | |
| TAL410 | 4.10 | 9.20 | 6 | 40 | 20.5 | 2.0 | 1.3 | 0.002 | 0.009 | 0.015 |

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.

R1_{max}: Maximum resistance of device is measured one hours post reflow at 25°C.

Noted: All electrical function test is conducted after PCB mounted.

3、Thermal Derating

| TAL410 | Maximum ambient operating temperature | | | | | | | | |
|-----------------|---------------------------------------|-------|-------|------|------|------|------|------|------|
| | -40℃ | -20℃ | 0℃ | 25℃ | 40℃ | 50℃ | 60℃ | 70℃ | 85℃ |
| Hold Current(A) | 6.90 | 6.00 | 5.10 | 4.10 | 3.30 | 2.80 | 2.40 | 1.90 | 1.50 |
| Trip Current(A) | 15.50 | 13.40 | 11.00 | 9.20 | 7.40 | 6.30 | 5.40 | 4.25 | 3.40 |

4、Package Information

Packing quantity:1000PCS/bag

5、Agency Recognition:



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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