



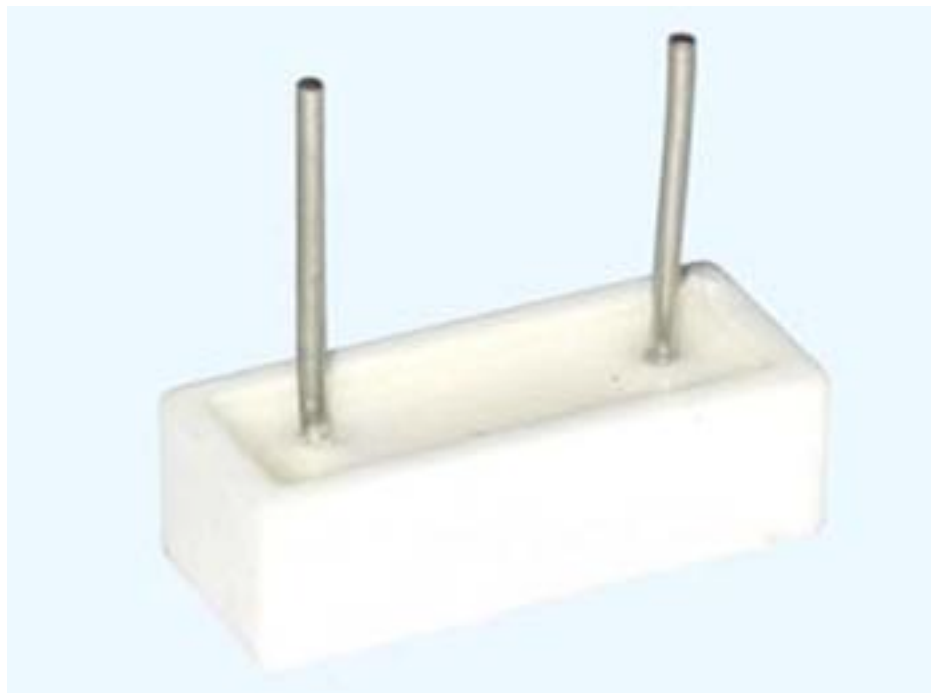
PRODUCT SPECIFICATION

Product Name: Ceramic Encapsulation Diode

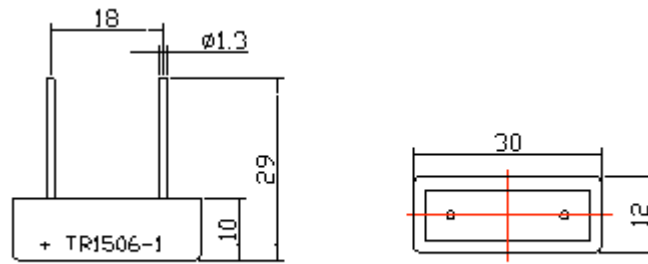
Specification and Type: TR1506-1

Supplier: POSITIONING TECH.,(H.K.) CO., LTD

1. Product Picture:



2. Outline Dimension and Terminal Function:



3. Circuit Structure:



4. Ratings:

- (1) Rated output average current: 15A
- (2) Forward non-repetitive surge current: 180A
- (3) Maximum junction temperature: 150°C
- (4) Operation ambient temperature: -20°C~+85°C
- (5) Storage temperature: -40°C~+150°C

5. Characteristics:

- (1) Forward peak voltage V_{FM} : $\leq 1.3V$ ($I_O \times \pi$)
- (2) Peak reverse current I_{RRM} : $\leq 3mA$
- (3) Peak reverse voltage V_{RRM} : $\geq 600V$
- (4) Isolation voltage V_{ISO} (each terminal and the crust) : $\geq 3000V$
- (5) Transient thermal resistant(heating current: 50A,heating time: 25ms) : $\leq 100mv$

6..Product Specialty:

This product is specially developed for sun heaters. It has the strong capability of standing high current, good heat-dissipation, easy installation, good fire resistance property, high isolation voltage, safe use and so on.

7. Attention Items:

When this product is installed, it should not contact plastic components directly. Without any heatsinks, the power of the matched warming apparatus should not be over 1500W/220V and 800W/100V.

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