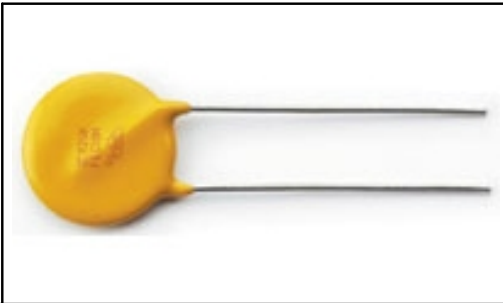


## ROV05-270K Product Details



**ROV05-270K**

TE Internal Number: F96680-000

 [Active](#)

### Radial-leaded Metal Oxide Varistor (ROV)

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Standard Series
- Diameter = 5.00 mm
- Varistor Voltage Rating = 27 VDC
- Allowable Voltage, Max. = 17 VAC
- Allowable Voltage, Max. = 22 VDC

[View all Features](#)

#### Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
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### Documentation & Additional Information

#### Product Drawings:

- [ROV05, ROV05H 5mm Series Metal Oxide Varistors \(PDF, English\)](#)

#### Catalog Pages/Data Sheets:

- [Radial-leaded Metal Oxide Varistor Devices \(PDF, English\)](#)

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

[List all Documents](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Electrical Characteristics:

- [Varistor Voltage Rating \(VDC\)](#) = 27
- [Allowable Voltage, Max. \(VAC\)](#) = 17
- [Allowable Voltage, Max. \(VDC\)](#) = 22
- [Clamping Voltage, Max. \(VDC\)](#) = 60
- [Surge Current \(8x20 ?s\), Max. \(Amps.\)](#) = 100
- Varistor Voltage Tolerance (%) = 10
- Rated Wattage (W) = 0.01
- Energy (10x1000 ?s) (Joule) = 0.9
- Capacitance (pF) = 1,073

#### Body Related Features:

- [Series](#) = Standard

#### Configuration Related Features:

- [Diameter \(mm \[in\]\)](#) = 5.00 [0.197]

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Other:

- Brand = Raychem

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