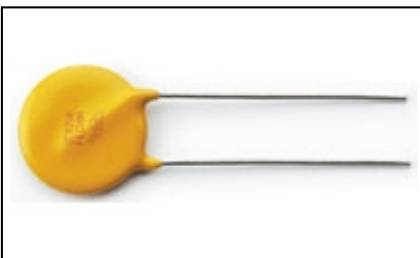


ROV07-271K Product Details

**ROV07-271K**

TE Internal Number: D47557-000

 [Active](#)

Radial-leaded Metal Oxide Varistor (ROV)

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)**Product Highlights:**

- Standard Series
- Diameter = 7.00 mm
- Varistor Voltage Rating = 270 VDC
- Allowable Voltage, Max. = 175 VAC
- Allowable Voltage, Max. = 225 VDC

[View all Features](#)**Quick Links**

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

[Add to My Part List](#)  [Request Sample](#)  [Find Similar Products](#)  [Buy Product](#)

Documentation & Additional Information

Product Drawings:

- [ROV07, ROV07H 7mm Series Metal Oxide Varistors](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

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 \(VDC\)](#) = 270
- [Allowable Voltage, Max. \(VAC\)](#) = 175
- [Allowable Voltage, Max. \(VDC\)](#) = 225
- [Clamping Voltage, Max. \(VDC\)](#) = 455
- [Surge Current \(8x20 ?s\), Max. \(Amps.\)](#) = 1200
- Varistor Voltage Tolerance (%) = 10
- Rated Wattage (W) = 0.25
- Energy (10x1000 ?s) (Joule) = 19.8
- Capacitance (pF) = 161

Body Related Features:

- [Series](#) = Standard

Configuration Related Features:

- [Diameter \(mm \[in\]\)](#) = 7.00 [0.276]

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