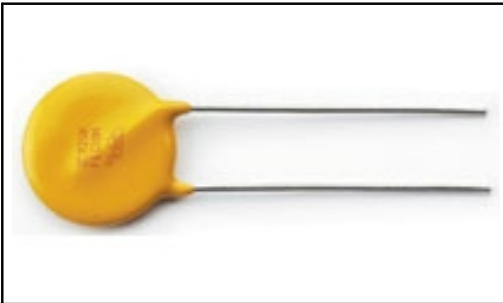


ROV05-271K-S Product Details



ROV05-271K-S

TE Internal Number: C84275-000

 [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 = 270 VDC
- Allowable Voltage, Max. = 175 VAC
- Allowable Voltage, Max. = 225 VDC

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Quick Links

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Documentation & Additional Information

Product Drawings:

- [ROV05, ROV05H 5mm 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. \(VDC\)](#) = 475
- [Surge Current \(8x20 ?s\), Max. \(Amps.\)](#) = 400
- Varistor Voltage Tolerance (%) = 10
- Rated Wattage (W) = 0.1
- Energy (10x1000 ?s) (Joule) = 9.9
- Capacitance (pF) = 69

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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