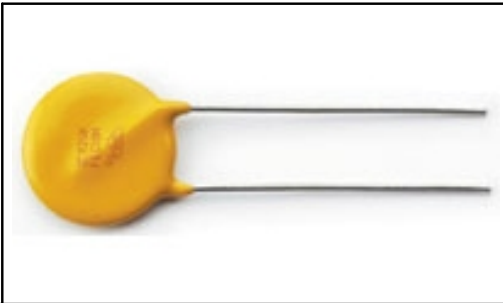


ROV05-180M Product Details



ROV05-180M

TE Internal Number: E85160-000

[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 = 18 VDC
- Allowable Voltage, Max. = 11 VAC
- Allowable Voltage, Max. = 14 VDC

[View all Features](#)

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 \(VDC\)](#) = 18
- [Allowable Voltage, Max. \(VAC\)](#) = 11
- [Allowable Voltage, Max. \(VDC\)](#) = 14
- [Clamping Voltage, Max. \(VDC\)](#) = 40
- [Surge Current \(8x20 ?s\), Max. \(Amps.\)](#) = 100
- Varistor Voltage Tolerance (%) = 20
- Rated Wattage (W) = 0.01
- Energy (10x1000 ?s) (Joule) = 0.6
- Capacitance (pF) = 1,121

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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