



## 1393219-8 Product Details

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**1393219-8**

TE Internal Number: 1393219-8

Active

### Industrial Relays (General Purpose)

Converted to EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- PE Series
- Contact - Current Class = 2A to 5A Class, Less Than 16A
- Contact - Rated Current = 5 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 1 Form C (CO)

[View all Features](#)

#### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- None Available

#### 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](#)

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

#### Electrical Characteristics:

- Contact - Current Class = 2A to 5A Class, Less Than 16A
- [Contact - Rated Current \(A\) = 5](#)
- Contact - Limiting Continuous Current (A) = 5
- Contact - Limiting Making Current (A) = 5
- Contact - Limiting Breaking Current (A) = 5
- Insulation - Initial Dielectric Between Coil/Contact Class = 3500V to 4000V Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 1000
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 4000
- Contact - Rated Voltage (VAC) = 250
- Contact - Switching Voltage Max. (VAC) = 400
- Contact - Limiting Short-Time Current (A) = 5
- Coil - Rated Voltage (VDC) = 18
- Coil - Resistance ( $\Omega$ ) = 1545
- Coil - Rated Power, DC (mW) = 210
- Coil - Rated Power Class = 200mW to 300mW Class
- Insulation - Initial Insulation Resistance ( $M\Omega$ ) = 10000000
- Insulation - Creepage Class = 3mm to 5.5mm Class
- Insulation - Clearance Class = 2.5mm to 4mm Class
- Insulation - Special Features = Tracking Index of Relay Base PTI250

#### Dimensions:

- Mechanical - Length Class = 16mm to 20mm Class
- Length (mm [in]) = 20.00 [0.787]
- Mechanical - Width Class = 8mm to 10mm Class
- Width (mm [in]) = 10.00 [0.394]
- Mechanical - Height Class = 9mm to 10mm Class
- Height (mm [in]) = 10.00 [0.394]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 3.2 [0.126]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 4 [0.157]

#### Body Features:

- Mount Type = PCB
- Weight (g [oz]) = 5.00 [0.1764]

#### Contact Features:

- Terminal Type = PCB-THT
- Contact Material = AgNi90/10
- Contact - Number of Poles = 1

#### Configuration Features:

- [Contact - Arrangement = 1 Form C \(CO\)](#)
- [Coil - Magnetic System = Monostable, DC](#)

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- [RoHS/ELV Compliance History](#) = Converted to comply with RoHS directive
- [Approved/Registered Standards](#) = cULus, VDE

#### Environmental:

- Environmental - Category of Protection = RTII
- Environmental - Ambient Temperature, Max. ( $^{\circ}\text{C}$  [ $^{\circ}\text{F}$ ]) = 85 [185]
- Environmental - Ambient Temperature Class = 70°C to 85°C Class

#### Packaging Features:

- Packaging Method = Tube

#### Other:

- [Series](#) = PE
- [Brand](#) = Schrack

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