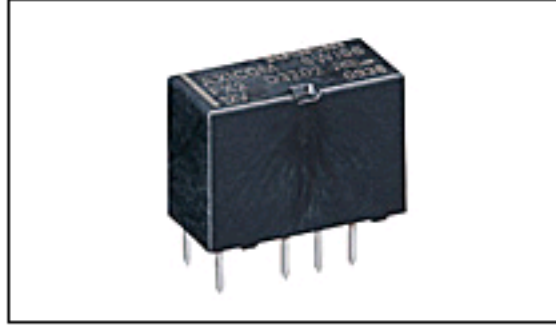




## 6-1462034-6 Product Details

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**6-1462034-6**

TE Internal Number: 6-1462034-6

Active

### Communications/Signal PC Board Relays

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- FX2 Series
- Contact - Current Class = 0A to 2A Class
- Contact - Rated Current = 2 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 2 Form C (CO)

[View all Features](#)

#### Quick Links

- ▶ [Pricing & Availability](#)
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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)

#### Product Type Features:

- Series = FX2
- Terminal Type = PCB-THT

#### Electrical Characteristics:

- Contact - Current Class = 0A to 2A Class
- Contact - Rated Current (A) = 2
- Contact - Limiting Continuous Current (A) = 2
- Contact - Limiting Making Current (A) = 2
- Contact - Limiting Breaking Current (A) = 2
- Insulation - Initial Dielectric Between Coil/Contact Class = 3500V to 4000V Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 2100
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 4000
- Contact - Rated Voltage (VAC) = 250
- Contact - Rated Voltage (VDC) = 220
- Contact - Switching Voltage Max. (VAC) = 250
- Contact - Switching Voltage Max. (VDC) = 220
- Contact - Limiting Short-Time Current (A) = 2
- Coil - Rated Voltage (VDC) = 3
- Coil - Resistance ( $\Omega$ ) = 45
- Coil - Rated Power, DC (mW) = 200
- Coil - Rated Power Class = 150mW to 200mW Class
- Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 2100
- Insulation - Initial Insulation Resistance (M $\Omega$ ) = 1000000
- Contact - Switching Recommended Load, Min. = 0.1mA at 0.0001V
- Insulation - Special Features = 6000V Initial Surge Withstand Voltage between Contacts and Coil, High Dielectric Version
- HF Parameters - Isolation (dB) = -15.1dB@900MHz, -34dB@100MHz
- HF - Parameters - Voltage Standing Wave Ration (VSWR) = 1.45@900MHz, 1.07@100MHz
- HF Parameters - Insertion Loss (dB) = -0.03dB@100MHz, -0.60dB@900MHz

#### Dimensions:

- Mechanical - Length Class = 14mm to 16mm Class
- Length (mm [in]) = 15.00 [0.591]
- Mechanical - Width Class = 6mm to 8mm Class
- Width (mm [in]) = 7.28 [0.287]
- Mechanical - Height Class = 10mm to 11mm Class
- Height (mm [in]) = 10.70 [0.421]

#### Body Features:

- Weight (g [oz]) = 2.50 [0.0882]
- Mount Type = PCB

#### Contact Features:

- Contact Material = PdRu, gold covered
- Contact - Number of Poles = 2
- Contact - Special Features = Bifurcated/Twin Contacts

#### Configuration Features:

- [Contact - Arrangement](#) = 2 Form C (CO)
- [Coil - Magnetic System](#) = Monostable, DC, polarized

#### 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
- [Approved/Registered Standards](#) = cULus

#### Environmental:

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

#### Packaging Features:

- [Packaging Method](#) = Tube

#### Other:

- [Brand](#) = Axicom

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