



1-1422028-0 Product Details

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1-1422028-0

TE Internal Number: 1-1422028-0

Active

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Communications/Signal PC Board Relays

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

Product Highlights:

- W11/V23101 Series
- Contact - Current Class = 0A to 2A Class
- Contact - Rated Current = 1.25 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 1 Form C (CO)

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [W11 Relay Datasheet \(PDF, English\)](#)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version S00C\)](#)
- [3D Model \(IGES, Version S00C\)](#)
- [3D Model \(STEP, Version S00C\)](#)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Series = W11/V23101
- Terminal Type = PCB-THT

Electrical Characteristics:

- Contact - Current Class = 0A to 2A Class
- Contact - Rated Current (A) = 1.25
- Contact - Limiting Continuous Current (A) = 1.25
- Contact - Limiting Making Current (A) = 1.25
- Contact - Limiting Breaking Current (A) = 1.25
- Insulation - Initial Dielectric Between Coil/Contact Class = 500V to 1000V Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 750
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 1000
- Contact - Rated Voltage (VAC) = 125
- Contact - Rated Voltage (VDC) = 120
- Contact - Switching Voltage Max. (VAC) = 125
- Contact - Switching Voltage Max. (VDC) = 120
- Contact - Limiting Short-Time Current (A) = 1.25
- Coil - Rated Voltage (VAC) = 24
- Coil - Resistance (Ω) = 1280
- Coil - Rated Power, DC (mW) = 450
- Coil - Rated Power Class = 400mW to 500mW Class
- Insulation - Initial Insulation Resistance (MΩ) = 1000000
- Contact - Switching Recommended Load, Min. = 10mA at 0.02V

Dimensions:

- Mechanical - Length Class = 14mm to 16mm Class
- Length (mm [in]) = 15.49 [0.610]
- Mechanical - Width Class = 10mm to 12mm Class
- Width (mm [in]) = 10.50 [0.413]
- Mechanical - Height Class = 11mm to 12mm Class
- Height (mm [in]) = 11.50 [0.453]

Body Features:

- Weight (g [oz]) = 4.00 [0.141]
- Mount Type = PCB

Contact Features:

- Contact Material = AgNi, gold plated
- 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

Environmental:

- Environmental - Category of Protection = RTIII
- Environmental - Ambient Temperature, Max. (°C [°F]) = 85 [185]
- Environmental - Ambient Temperature Class = 70°C to 85°C Class

Packaging Features:

- Packaging Method = Tube

Other:

- Brand = Axicom