



Relays, Contactors &amp; Switches &gt; Relays &gt; Signal Relays

Contact Voltage Rating: **125 VAC**Signal Relay Coil Power Rating (DC): **203 mW**Signal Relay Mounting Type: **Printed Circuit Board**Signal Relay Terminal Type: **PCB-THT**

## Features

### Product Type Features

Relay Type	W11 Relay V23101
Relay Style	W11 V23101 Signal Relay
Product Type	Relay

### Electrical Characteristics

Coil Power Rating Class	400 – 500 mW
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Short-Time Current	3 A
Insulation Initial Dielectric Between Contacts and Coil	1000 Vrms
Insulation Initial Dielectric Between Coil/Contact Class	500 – 1000 V
Power Consumption	200 mW
Insulation Initial Resistance	1000000 MΩ
Contact Limiting Making Current	3 A
Coil Resistance	320 Ω
Contact Limiting Continuous Current	3 A
Coil Type	Monostable
Contact Limiting Breaking Current	3 A
Contact Switching Load (Min)	10mA @ .02V
Contact Voltage Rating	125 VAC



Signal Relay Coil Power Rating (DC)	203 mW
Signal Relay Coil Voltage Rating	12 VDC
Signal Relay Contact Switching Voltage (Max)	125 VAC
Signal Relay Coil Magnetic System	Monostable, DC

### Body Features

Weight	4 g[.141 oz]
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### Contact Features

Contact Plating Material	AgNi Alloy
Contact Current Class	2 – 5 A
Signal Relay Terminal Type	PCB-THT
Signal Relay Contact Current Rating	1.25 A
Signal Relay Contact Arrangement	1 Form C (CO)
Contact Material	AgNi
Contact Number of Poles	1

### Termination Features

Termination Type	Through Hole
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### Mechanical Attachment

Signal Relay Mounting Type	Printed Circuit Board
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### Dimensions

Width Class (Mechanical)	10 – 12 mm
Width	10.4 mm[.409 in]
Height	11.5 mm[.453 in]
Length Class (Mechanical)	14 – 16 mm
Length	15.4 mm[.606 in]
Height Class (Mechanical)	11 – 12 mm

### Usage Conditions

Environmental Ambient Temperature (Max)	85 °C[85 °F]
Environmental Ambient Temperature Class	70 – 85°C
Operating Temperature Range	-40 – 85 °C

### Operation/Application

Performance Type	Standard
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### Packaging Features



Packaging Method	Box & Tube, Tube
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### Product Compliance

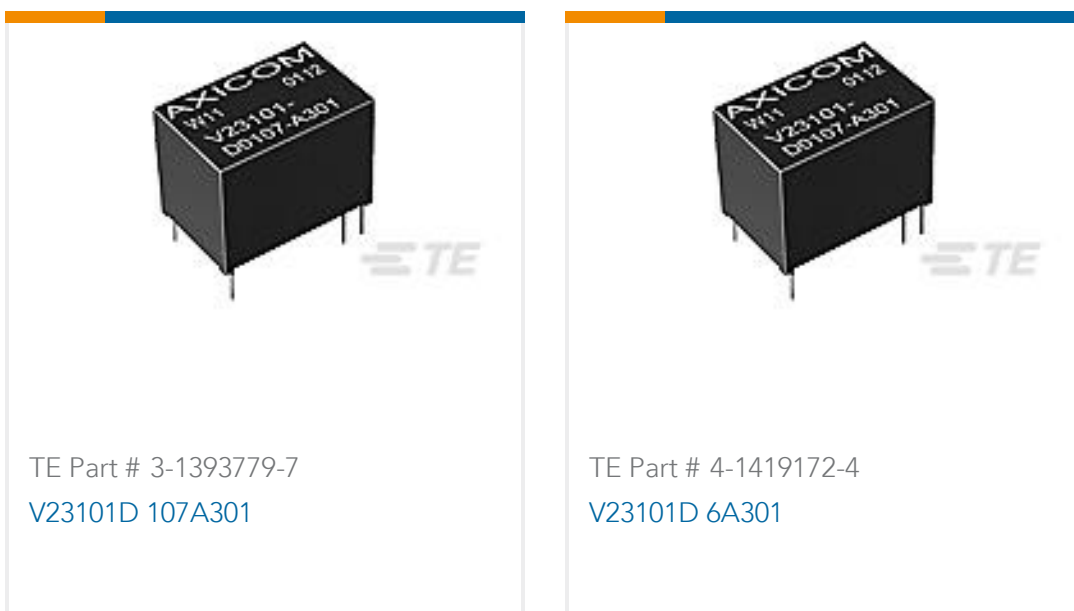
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

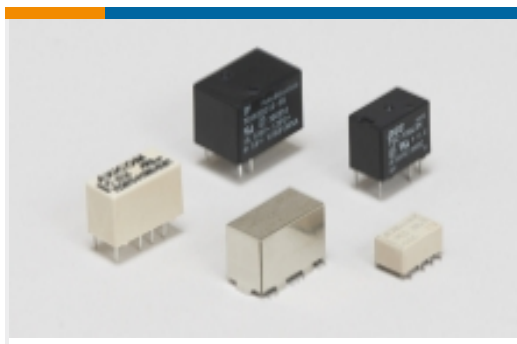
#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

### Compatible Parts

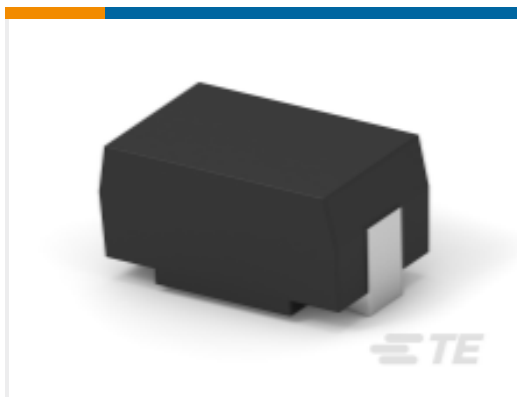


Also in the Series | [Axicom W11 Relay V23101](#)



Signal Relays(61)

## Customers Also Bought



TE Part #8-1879233-5  
SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part #1-1624117-1  
BMB-A 0805 300R



TE Part #1339343-1  
ASSY, 2 PR, DBL ENTRY, PIVOT II



TE Part #1622838-1  
CRG0603 1% 12K



TE Part #1-1734248-1  
1.0 FPC, ZIF V/T, SMT, 11P



TE Part #1622856-1  
CRG0603 1% 160R



TE Part #1-292227-5  
MINI COMMON TERMINATION HEADERS



TE Part #1-6609000-0  
CORCOM EEA SERIES IEC FILTERED INLETS



TE Part #1-1571983-4  
GDH10STR04=DIP SWITCH



TE Part #1-1825006-6  
GDS08STR04=DIP SW, SLIDE, SMT, TR

## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1422037-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1422037-2\\_B.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1422037-2\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

[Industrial Relays Quick Reference Guide](#)

English

[Industrial Relays Quick Reference Guide](#)

Japanese

[Industrial Relays Quick Reference Guide](#)

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**Product Specifications**

[Product Specification](#)

English

[Definitions, Handling, Processing, Testing and Use of Relays](#)

English

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**Product Environmental Compliance**

[TE Material Declaration](#)

English