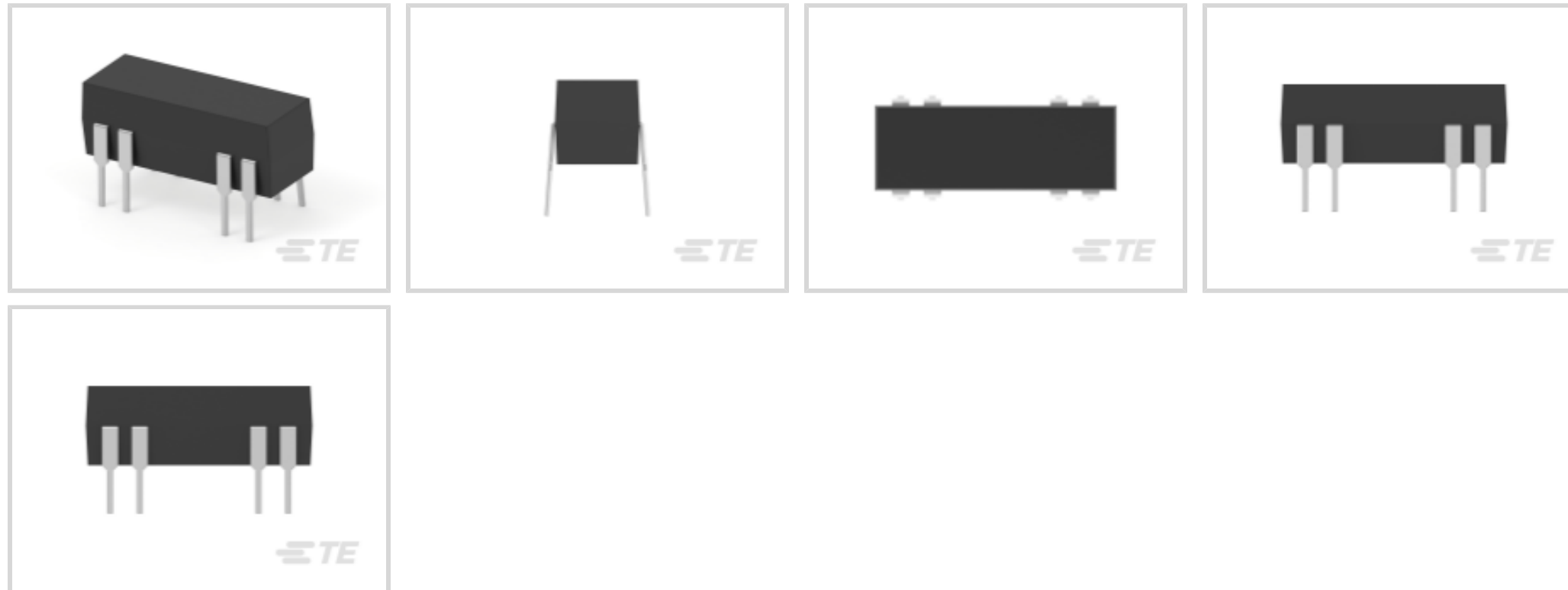




Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **Reed Relay**

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **2 Form A DPST-NO**

Contact Current Rating: **.5 A**

## Features

### Contact Features

Contact Material	Ruthenium
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### Dimensions

Product Width	7.62 mm[.3 in]
Product Length	19.56 mm[.77 in]
Product Height	8 mm[.314 in]

### Packaging Features

Packaging Method	Tray, Box & Tray
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### Other

Coil Power Rating Class	.2 – .3 W
Contact Current Class	0 – 2 A
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	7 – 8 mm
Length Class (Mechanical)	16 – 20 mm
Width Class (Mechanical)	6 – 8 mm



EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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### Usage Conditions

Operating Temperature Range	-35 – 85 °C
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Environmental Category of Protection	RTIII
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Environmental Ambient Temperature (Max)	85 °C[85 °F]
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### Body Features

Product Weight	2.3 g[.0811 oz]
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Enclosure Type	Flux Resistant Automatic Soldering & Washable
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### Electrical Characteristics

Contact Limiting Short-Time Current	.5 A
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Contact Limiting Making Current	.5 A
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Contact Limiting Continuous Current	.5 A
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Contact Limiting Breaking Current	.5 A
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Insulation Initial Dielectric Between Open Contacts	250 Vrms
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Insulation Initial Dielectric Between Adjacent Contacts	500 Vrms
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Contact Switching Voltage (Max)	100 VDC
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Contact Switching Load (Min)	10mA @ .01V
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Coil Resistance	500 Ω
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Contact Current Rating	.5 A
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Coil Voltage Rating	12 VDC
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Contact Voltage Rating	20 VDC
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Coil Power Rating DC	.288 W
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Insulation Initial Dielectric Between Contacts & Coil	500 Vrms
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### Configuration Features

Contact Number of Poles	2
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Coil Special Features	UL Coil Insulation
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Contact Arrangement	2 Form A DPST-NO
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### Operation/Application

Solder Process	Wave Solder
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Current Type	DC
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Coil Magnetic System	Monostable
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**Product Type Features**

Relay & Contactor Type	Reed Relay
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**Termination Features**

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

**Mechanical Attachment**

Product Mount Type	Board Mount
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**Product Compliance**

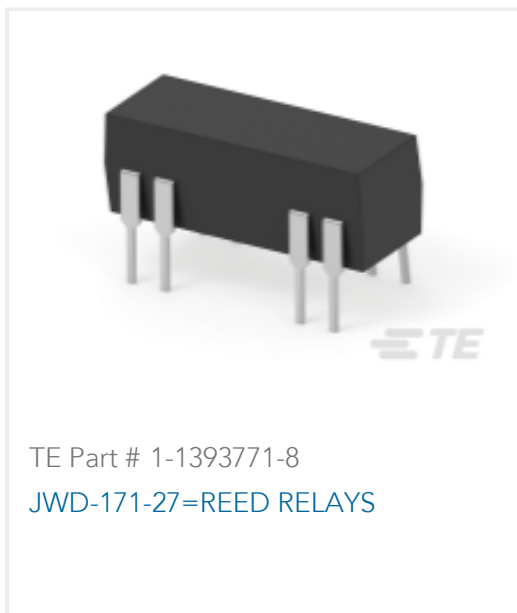
[For compliance documentation, visit the product page on TE.com>](#)

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°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 | Potter & Brumfield JWD Series



## Customers Also Bought



## Documents

### CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393771-5\\_99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393771-5\\_99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1393771-5\\_99.3d\\_stp.zip](#)

English

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

## Datasheets & Catalog Pages



## JWD/JWS Dual In-Line Package & Single In-Line Package Dry Reed Relays

English

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### Product Specifications

Definitions General Purpose Relays

English