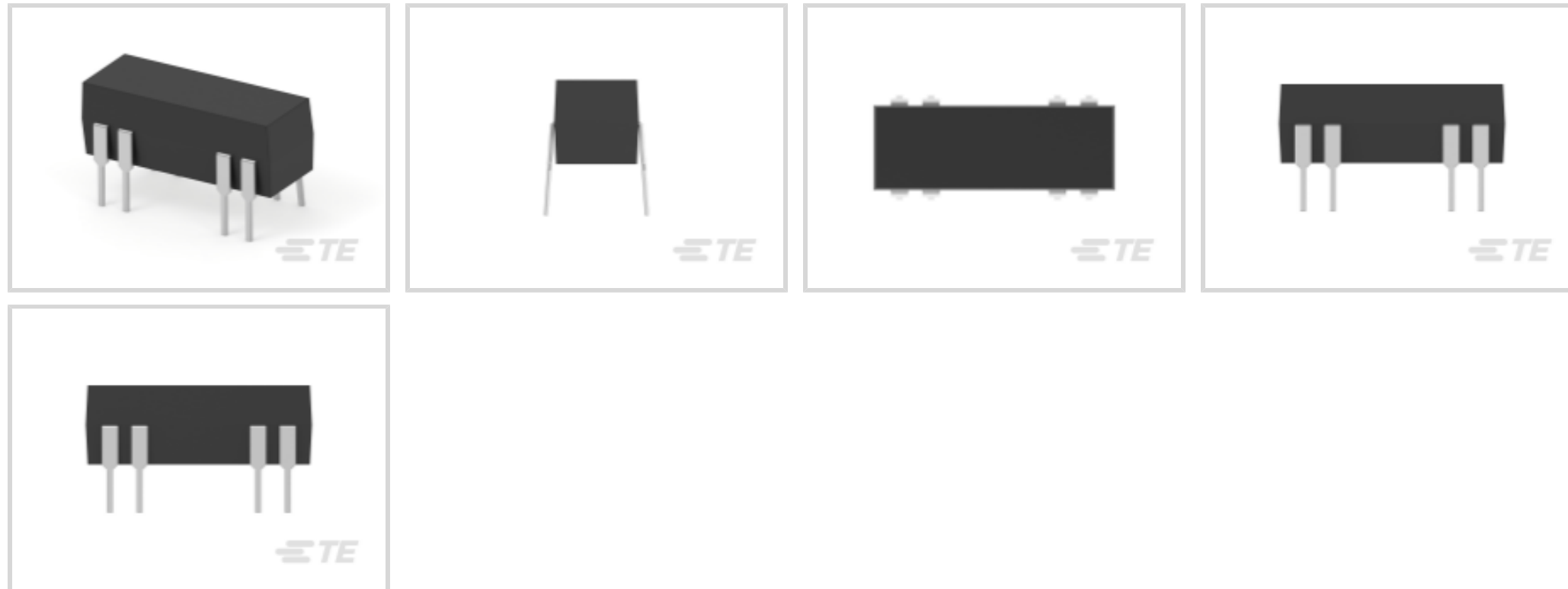




Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **Reed Relay**

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form B SPST-NC**

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]

Signal Characteristics

Isolation (HF Parameter)	-39dB @ 100MHz, -20.7dB @ 900MHz
Insertion Loss (HF Parameter)	-.02dB @ 100MHz, -.27dB @ 900MHz

Packaging Features

Packaging Method	Tray, Box & Tray
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Other

Coil Power Rating Class	.1 – .15 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 with Exemptions
EU ELV Compliance	Compliant

Usage Conditions

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

Body Features

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

Electrical Characteristics

Contact Limiting Short-Time Current	.5 A
Contact Limiting Making Current	.5 A
Contact Limiting Continuous Current	.5 A
Contact Limiting Breaking Current	.5 A
Insulation Initial Dielectric Between Open Contacts	175 Vrms
Contact Switching Voltage (Max)	28 VDC
Contact Switching Load (Min)	10mA @ .01V
Coil Resistance	200 Ω
Insulation Initial Resistance	1000000 MΩ
Contact Current Rating	.5 A
Coil Voltage Rating	6 VDC, 5 VDC
Contact Voltage Rating	10 VDC
Coil Power Rating DC	.575 W
Insulation Initial Dielectric Between Contacts & Coil	500 Vrms

Configuration Features

Relay Options	RF Rated
Contact Number of Poles	1
Coil Special Features	UL Coil Insulation, Coil Suppression Diode



Contact Arrangement 1 Form B SPST-NC

Operation/Application

Solder Process	Wave Solder
Current Type	DC
Coil Magnetic System	Monostable

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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUN 2013 (144) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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>

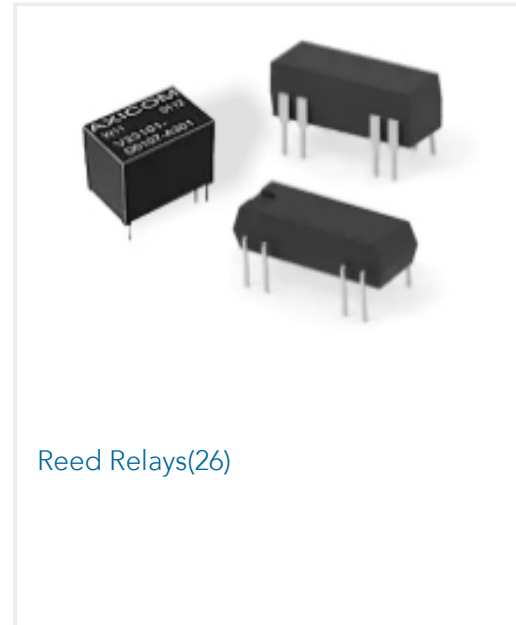
Also in the Series | Potter & Brumfield JWD Series



DC Relays(26)



PCB Relays(26)



Reed Relays(26)

Customers Also Bought



TE Part #5520425-3
MJ,TE,6P/6C,BULK PAC



TE Part #3-1393789-7
V23079A2003B301



TE Part #1825057-3
ADE0404=DIP SWITCH,EXT,THRU/HL



TE Part #1825057-7
ADE0804=DIP SWITCH,EXT,THRU/HL



TE Part #2-1393771-6
JWD-172-162=REED RELAYS



TE Part #5-103080-2
04 MODII HDR SRST SHRD .100CL



TE Part #5745782-4
15 MSFL RCPT RA 318 (IN,FM)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-1393771-4_99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1393771-4_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1393771-4_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

Product Specifications

[Definitions General Purpose Relays](#)

English