



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **Reed Relay**

Current Type: **DC**

Coil Magnetic System: **Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Contact Current Rating: **2 A**

Features

Product Type Features

Relay & Contactor Type	Reed Relay
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Configuration Features

Relay Options	Power Switching, RF Rated
Contact Number of Poles	1
Contact Arrangement	2 Form C DPDT-CO

Electrical Characteristics

Contact Limiting Short-Time Current	.4 A
Contact Limiting Making Current	.4 A
Contact Limiting Continuous Current	1.2 A
Contact Limiting Breaking Current	.4 A
Insulation Initial Dielectric Between Open Contacts	200 Vrms
Contact Switching Voltage (Max)	175 VDC
Contact Switching Load (Min)	10mA @ .01V
Input Voltage	28 VAC
Coil Resistance	2000 Ω



Insulation Initial Resistance	1000 MΩ
Contact Current Rating	2 A
Coil Voltage Rating	24 VDC
Contact Voltage Rating	24 VDC
Coil Power Rating DC	.034 W
Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms

Signal Characteristics

Isolation (HF Parameter)	-18dB @ 900MHz, -30dB @ 100MHz
Insertion Loss (HF Parameter)	-.12dB @ 100MHz, -1.9dB @ 900MHz

Body Features

Product Weight	1.8 g[.0635 oz]
Enclosure Type	Flux Resistant Automatic Solder Capable & Washable

Contact Features

Contact Material	Ruthenium
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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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Dimensions

Product Width	7 mm[.275 in]
Product Length	19.3 mm[.759 in]
Product Height	7.5 mm[.295 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C
Environmental Category of Protection	RTIII
Environmental Ambient Temperature (Max)	85 °C[85 °F]

Operation/Application

Solder Process	Wave Solder Capable
Current Type	DC
Coil Magnetic System	Monostable



Packaging Features

Packaging Method	Box & Tube, Tube
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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

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 2025 (247) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

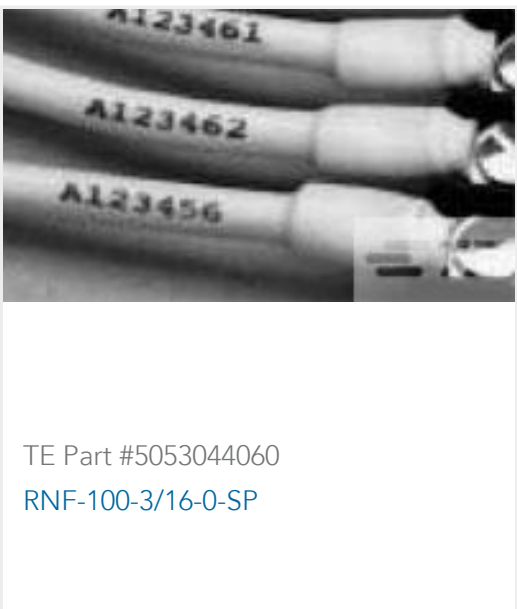
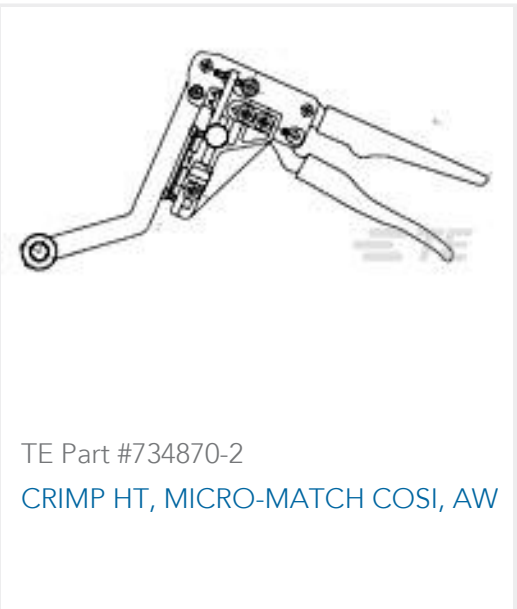
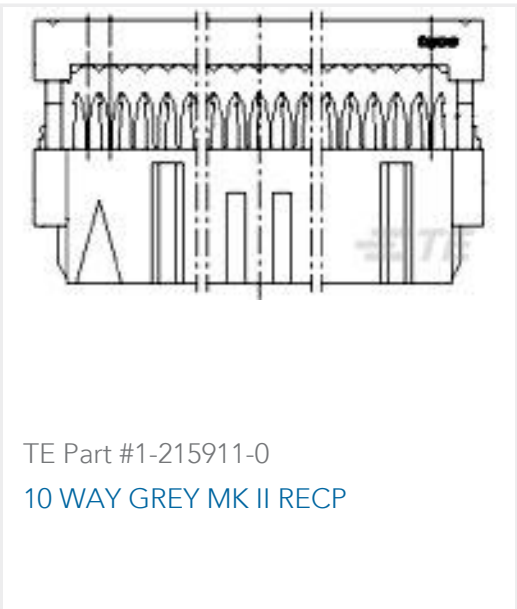
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

Customers Also Bought



Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_4-1393763-0_B.2d_dxf.zip](#)

[English](#)



Customer View Model

[ENG_CVM_CVM_4-1393763-0_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1393763-0_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Reed Relay V23100-V4](#)

English

Product Specifications

[Product Specification](#)

English