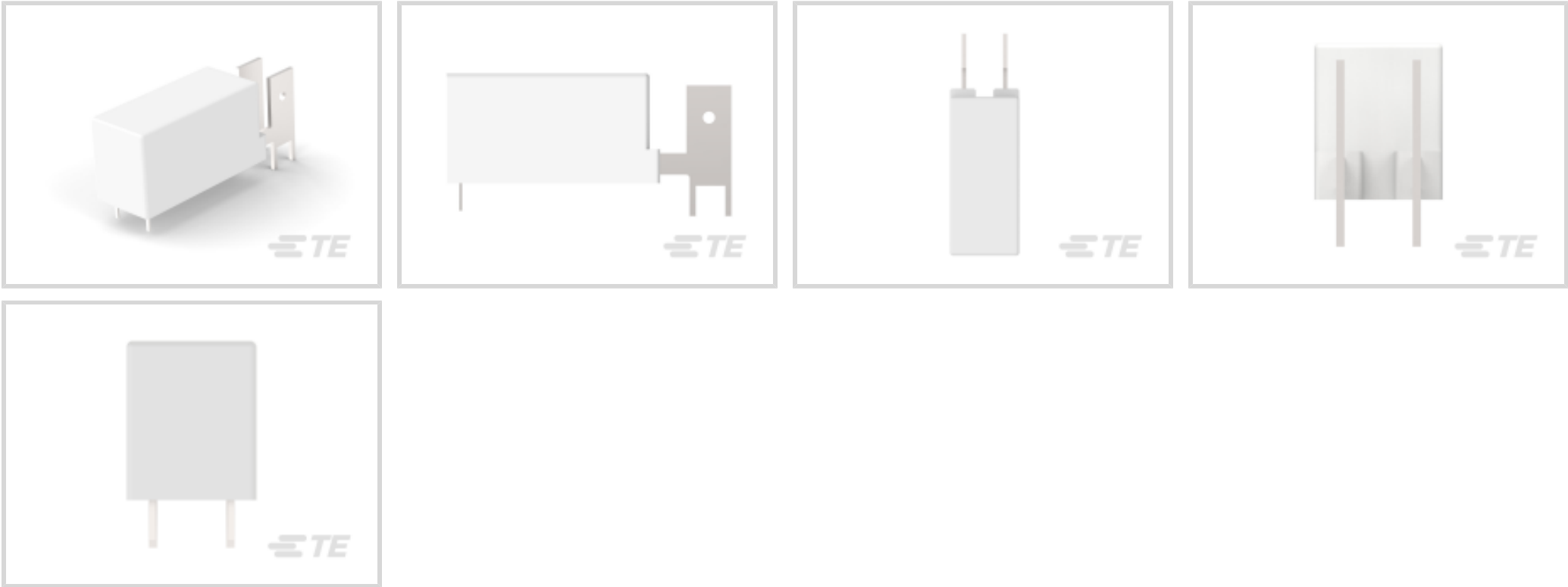




Relays & Contactors > Relays > Power Relays



Relay Type: **Standard**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **403 mW**

Coil Resistance: **62 Ω**

Coil Special Features: **UL Coil Insulation Class F**

Features

Product Type Features

Relay Type	Standard
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Configuration Features

Insulation Special Features	Tracking Index of Relay Base PTI250
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form B (NC)
Contact Number of Poles	1

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	25 A
Contact Limiting Short-Time Current	16 A
Contact Limiting Continuous Current	16 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Contact Limiting Breaking Current	16 A
Coil Power Rating DC	403 mW
Coil Resistance	62 Ω



Coil Voltage Rating	5 VDC
Contact Current Rating	16 A
Contact Switching Load (Min)	500mA @ 12V
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	20 g[.706 oz]
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Contact Features

Contact Material	AgNi90/10
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Dimensions

Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	12.7 mm[.5 in]
Product Length	29 mm[1.142 in]
Product Height	16 mm[.63 in]

Usage Conditions

Environmental Ambient Temperature (Max)	105 °C[221 °F]
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Operation/Application

Actuating System	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Box & Tray, Tray
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Other

Length Class (Mechanical)	25 - 30 mm
Insulation Initial Dielectric Between Coil & Contact Class	3500 - 4000 V
Environmental Ambient Temperature Class	85 - 105 °C
Insulation Creepage Class	5.5 - 8 mm
Insulation Clearance Class	5 - 8 mm
Height Class (Mechanical)	15 - 16 mm
Coil Power Rating Class	400 - 500 mW
Width Class (Mechanical)	12 - 16 mm
Contact Current Class	16 A



Product Compliance

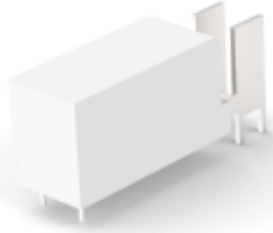
For compliance documentation, visit the product page on TE.com>

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 2024 (240) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>

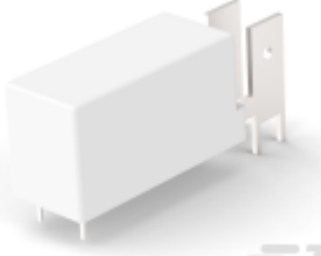
Compatible Parts

 TE Part # 6-1415520-1 RFH34024WG	 TE Part # 3-1415521-1 RFH54024WG	 TE Part # 5-1415520-1 RFH34012WG	 TE Part # 1415511-1 RFH34024
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TE Part # 2-1833005-3
RFH54015WG



TE Part # 1-1415521-1
RFH54009WG



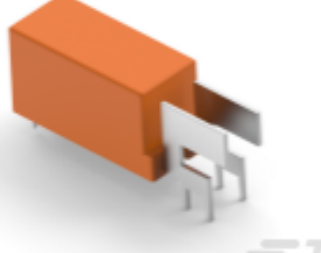
TE Part # 2-1415521-1
RFH54012WG



TE Part # 3-1415520-1
RFH34006WG



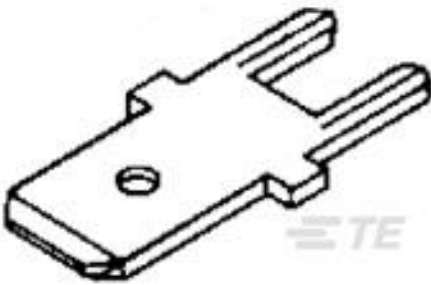
TE Part # 4-1415520-1
RFH34009WG



TE Part # 9-1415521-1
RFHD4012WG

Also in the Series

Customers Also Bought



TE Part # 726386-2
250 FASTON TAB TPBR



TE Part # 320551
PIDG R 22-16 COMM 22-18 MIL 8



TE Part # EE1126-000
CPGI-RNF-100-ASRT-4N-BLK

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1415520-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1415520-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1415520-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages



Power Relay RF

English

Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

Agency Approval Document

English