6-1415520-1 ! PENDING OBSOLESCENCE

SCHRACK

TE Internal #: 6-1415520-1

TE Internal Description: RFH34024WG

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **.4 W**

Coil Resistance: **1440 Ω**

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

Features

Product Type Features

Relay Type	General Purpose Power Relay

Configuration Features

Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form A (NO)
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	.4 W
Coil Resistance	1440 Ω
Coil Voltage Rating	24 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]

Contact Features

Contact Material	AgNi90/10

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 Category of Protection	RTII
Environmental Ambient Temperature (Max)	105 °C[221 °F]

Operation/Application

Current Type	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Box & Tray, Tray

Other

Length Class (Mechanical)	25 – 30 mm
Environmental Ambient Temperature Class	85 – 105 °C
Height Class (Mechanical)	15 – 16 mm
Coil Power Rating Class	.3 – .4 W
Width Class (Mechanical)	12 – 16 mm
Contact Current Class	16 A

Product Compliance

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

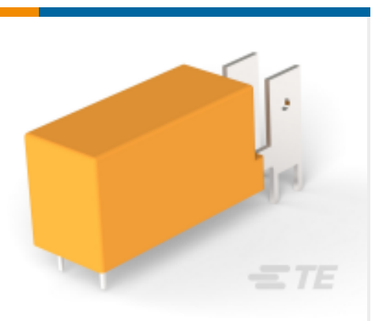
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) 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

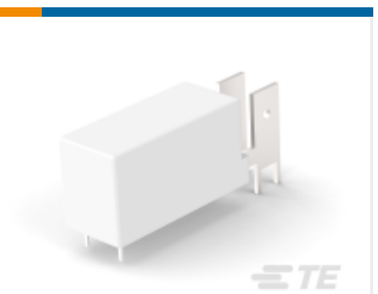
Compatible Parts



TE Part # 9-1415513-1
RF334024



TE Part # 3-1415521-1
RFH54024WG



TE Part # 9-1415520-1
RFH54005WG



TE Part # 5-1415520-1
RFH34012WG



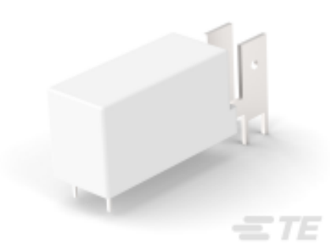
TE Part # 1415511-1
RFH34024



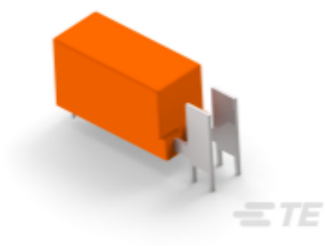
TE Part # 2-1833005-3
RFH54015WG



TE Part # 1-1415521-1
RFH54009WG



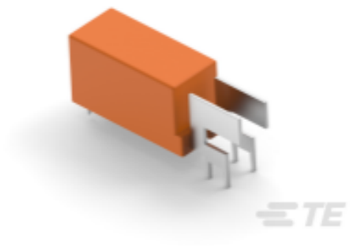
TE Part # 2-1415521-1
RFH54012WG



TE Part # 3-1415520-1
RFH34006WG



TE Part # 4-1415520-1
RFH34009WG

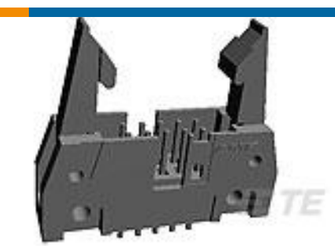


TE Part # 9-1415521-1
RFHD4012WG

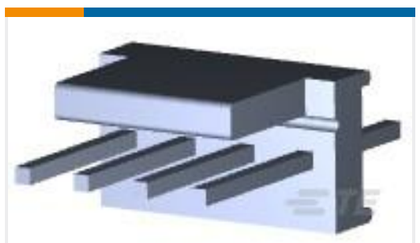


TE Part # 4-1415512-1
RFHD4024

Customers Also Bought



TE Part #5499922-6
A/L UNIV HDR 26P VERT LG LAT



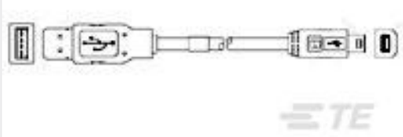
TE Part #640454-4
04P MTA100 HDR ASSY SQ STR POL



TE Part #6609052-1
6VN1=F7407 S0



TE Part #749608-2
26 50SR KIT, ST, UK



TE Part #1487594-1
USB, A-B, 28/28, BLACK, 0.5M



TE Part #2-1393225-1
RY611024



TE Part #640445-5
05P MTA156 HDR ASSY FL/STR SN



TE Part #3-1625890-5
2W SM M/OX 5% 270R

TE Part #8-1393215-1
V23057-B0006-A201

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_6-1415520-1_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_6-1415520-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1415520-1_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

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1-794222-0 2310537-1 2834055-1 3631B101LL CPF0402B37K4E1 2-292161-3 2005330-1 SBCHE154R7K SMW73R0JT 141991-2 MPT100C18RF SBCHE64R7K TE50BR39J 175977-2 1969656-1 3-1393225-0 650075-000 RH73H2A40MKTN 1-962915-1 2380312-2 1393431-1 1903112-2 3430B2F51RTDF 917696-1 936348-1 CRGCQ2010J3K3 ROX05SJ18R 1743455-2 2377783-2 U5254-000005-030PA