# T9GV2L14-9 ✔ ACTIVE

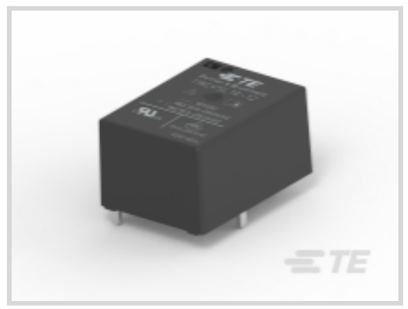
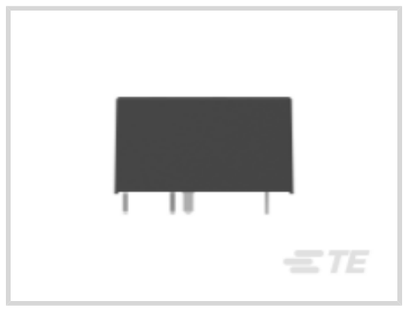
Potter & Brumfield | Potter & Brumfield T9G

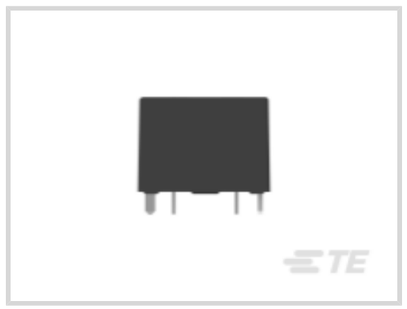
TE Internal #: 1558662-2

General Purpose Power Relay, Monostable, .9 W Coil, 90 ohm Coil Resistance, UL Coil Insulation Class F, Potter & Brumfield T9G, Power Relays

View on TE.com >

Relays & Contactors > Relays > Power Relays > PCB Power Relay: 30 amp, Monostable DC


Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **.9 W**

Coil Resistance: **90 Ω**

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

All PCB Power Relay: 30 amp, Monostable DC (108)

## Features

### Product Type Features

| | |
|---|---|
| Relay Type | General Purpose Power Relay |

### Configuration Features

| | |
|---|---|
| Coil Special Features | UL Coil Insulation Class F |
| Contact Arrangement | 1 Form B SPST-NC |
| Contact Number of Poles | 1 |

### Electrical Characteristics

| | |
|---|---|
| Insulation Initial Dielectric Between Open Contacts | 1500 Vrms |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms |
| Coil Power Rating DC | .9 W |
| Coil Resistance | 90 Ω |
| Coil Voltage Rating | 9 VDC |
| Contact Current Rating | 20 A |

| | |
|---|---|
| Contact Switching Load (Min) | 100mA @ 12V |
| Contact Switching Voltage (Max) | 480 VAC |
| Contact Voltage Rating | 250 VAC |

## Body Features

| | |
|---|---|
| Product Weight | 18 g[.635 oz] |

## Contact Features

| | |
|---|---|
| Contact Material | AgSnO |

## Termination Features

| | |
|---|---|
| Relay Connection Type | PCB Termination |
| Terminal Configuration | Solder Pins |

## Mechanical Attachment

| | |
|---|---|
| Product Mounting Feature Type | Locating Post |
| Product Mount Type | Printed Circuit Board |

## Dimensions

| | |
|---|---|
| Product Width | 21.5 mm[.846 in] |
| Product Length | 29 mm[1.14 in] |
| Product Height | 15.7 mm[.618 in] |

## Usage Conditions

| | |
|---|---|
| Environmental Category of Protection | RTII |
| Environmental Ambient Temperature (Max) | 105 °C, 85 °C[176 °F][221 °F] |
| Operating Temperature Range | -40 – 105 °C |

## Operation/Application

| | |
|---|---|
| Solder Process | Wave Solder |
| Current Type | DC |
| Coil Magnetic System | Monostable |

## Packaging Features

| | |
|---|---|
| Packaging Method | Carton & Tube |

## Other

| | |
|---|---|
| Length Class (Mechanical) | 25 – 30 mm |
| Height Class (Mechanical) | 15 – 16 mm |
| Coil Power Rating Class | .8 – 1 W |

| | |
|---|---|
| Width Class (Mechanical) | 20 – 25 mm |
| Contact Current Class | 10 – 20 A, 20 – 30 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 |

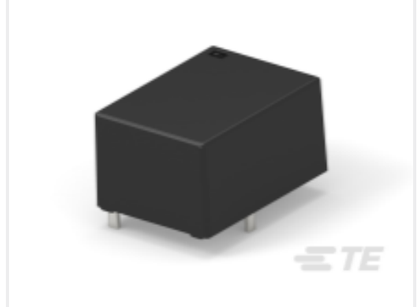
Product Compliance Disclaimer

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

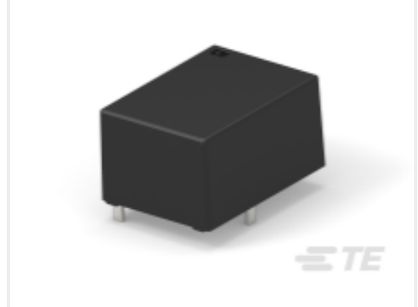
## Compatible Parts



TE Part # 1558667-2
T9GS2L14-9

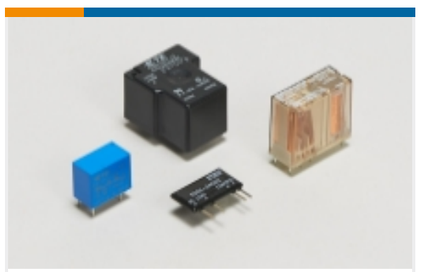


TE Part # 1-1558667-2
T9GS2L14-9WG



TE Part # 1-1558662-2
T9GV2L14-9WG

## Also in the Series | Potter & Brumfield T9G



Power Relays(108)

## Customers Also Bought



TE Part #T4111001041-000
RPC-M12-MS-4CON-PG7-MU




TE Part #2267079-2
TMS6T3B1M1QE

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1558662-2_B.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1558662-2_B.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1558662-2_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

PB 30A PCB Relay T9G Series

English

T9G Data Sheet

English

### Product Specifications

Definitions General Purpose Relays

English

### Agency Approvals

VDE Certificate

English

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Global Electronic Components Distributor

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

## TE Connectivity:

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