

T9GS5L14-24 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield T9G

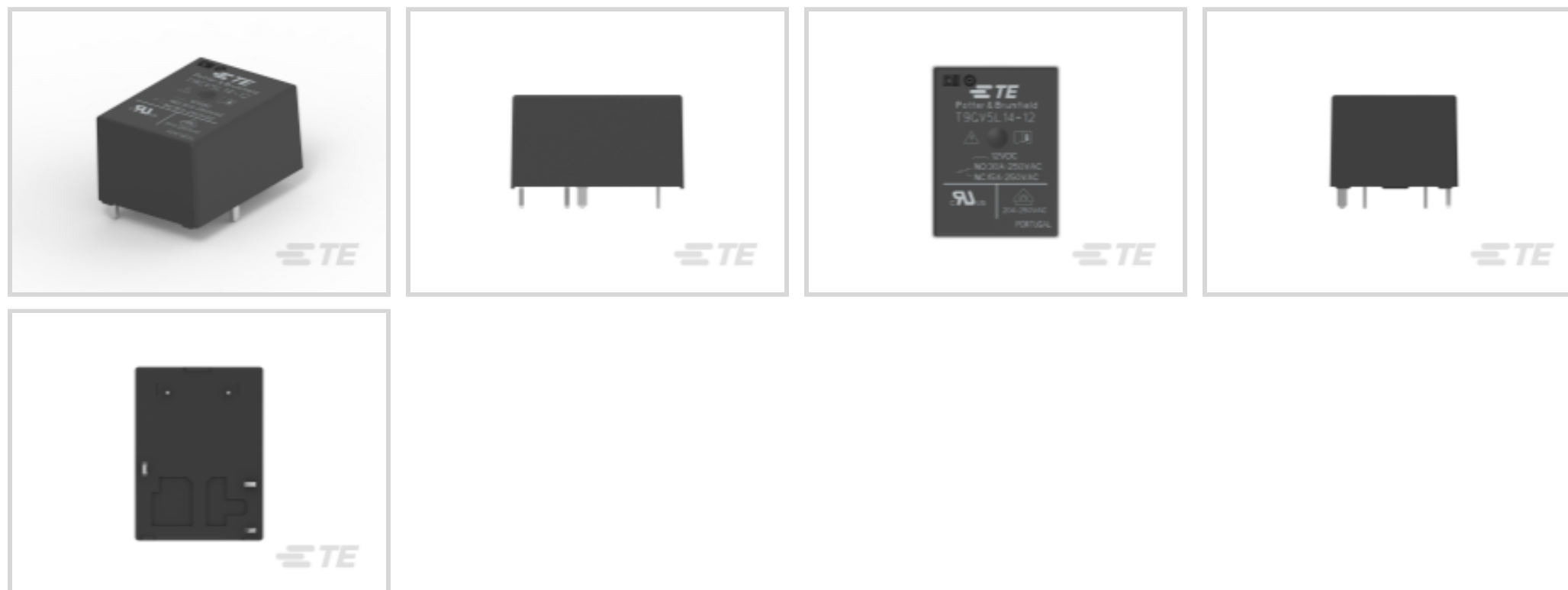
TE Internal #: 1558665-7

Power Relays, Standard, Monostable, DC, 900 mW Coil Power Rating DC, 640 Ω Coil Resistance, UL Coil Insulation Class F, Potter & Brumfield T9G

[View on TE.com >](#)



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



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **800 – 1000 mW**

Coil Power Rating DC: **900 mW**

Coil Resistance: **640 Ω**

[All PCB Power Relay: 30 amp, Monostable DC \(108\)](#)

Features

Product Type Features

| | |
|------------------|----------|
| Power Relay Type | Standard |
|------------------|----------|

Electrical Characteristics

| | |
|---|----------------------------|
| Insulation Initial Dielectric Between Open Contacts | 1500 Vrms |
| Insulation Initial Dielectric Between Contacts & Coil | 4000 Vrms |
| Coil Magnetic System | Monostable, DC |
| Coil Power Rating Class | 800 – 1000 mW |
| Coil Power Rating DC | 900 mW |
| Coil Resistance | 640 Ω |
| Coil Special Features | UL Coil Insulation Class F |
| Coil Voltage Rating | 24 VDC |
| Contact Switching Load (Min) | 100mA @ 12V |
| Contact Switching Voltage (Max) | 480 VAC |
| Contact Voltage Rating | 250 VAC |

Body Features

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

Contact Features

| | |
|------------------------------|----------------------|
| Contact Arrangement | 1 Form C (CO) |
| Contact Current Class | 10 – 20 A, 20 – 30 A |
| Contact Current Rating (Max) | 20 A |
| Contact Material | AgSnO |
| Contact Number of Poles | 1 |
| Relay Terminal Type | PCB-THT |

Termination Features

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|------------------------|---------------------------|
| Relay Termination Type | Printed Circuit Terminals |
|------------------------|---------------------------|

Mechanical Attachment

| | |
|---------------------|-----------------------|
| Relay Mounting Type | Printed Circuit Board |
|---------------------|-----------------------|

Dimensions

| | |
|--------------------------------------|--|
| Length Class (Mechanical) | 25 – 30 mm |
| Height Class (Mechanical) | 15 – 16 mm |
| Dimensions (L x W x H) (Approximate) | 29 x 21.5 x 15.7 mm [1.142 x .846 x .618 in] |
| Width Class (Mechanical) | 20 – 25 mm |
| Product Width | 21.5 mm [.846 in] |
| Product Length | 29 mm |
| Product Height | 15.7 mm [.618 in] |

Usage Conditions

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

Packaging Features

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

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (224) 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 260°C |

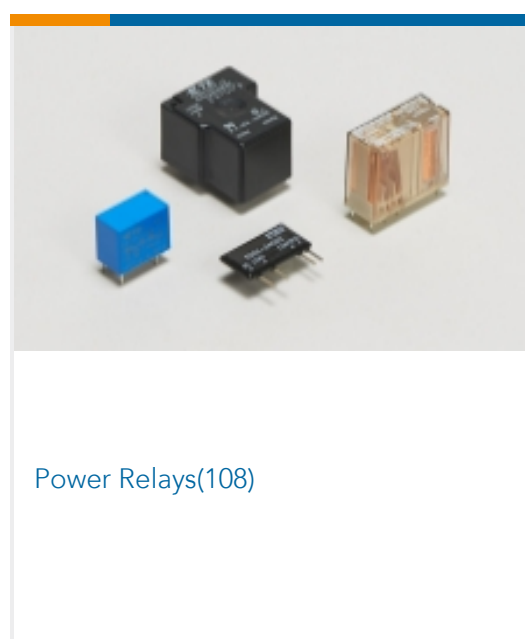
Product Compliance Disclaimer

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



Also in the Series | Potter & Brumfield T9G



Documents

[CAD Files](#)



3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1558665-7_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1558665-7_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1558665-7_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

T9G Data Sheet

English

PB 30A PCB Relay T9G Series

English

T9G Branded Card

English

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English

Agency Approvals

VDE Certificate

English