

T9GS1L14-24 ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield T9G

TE Part # 1558666-7

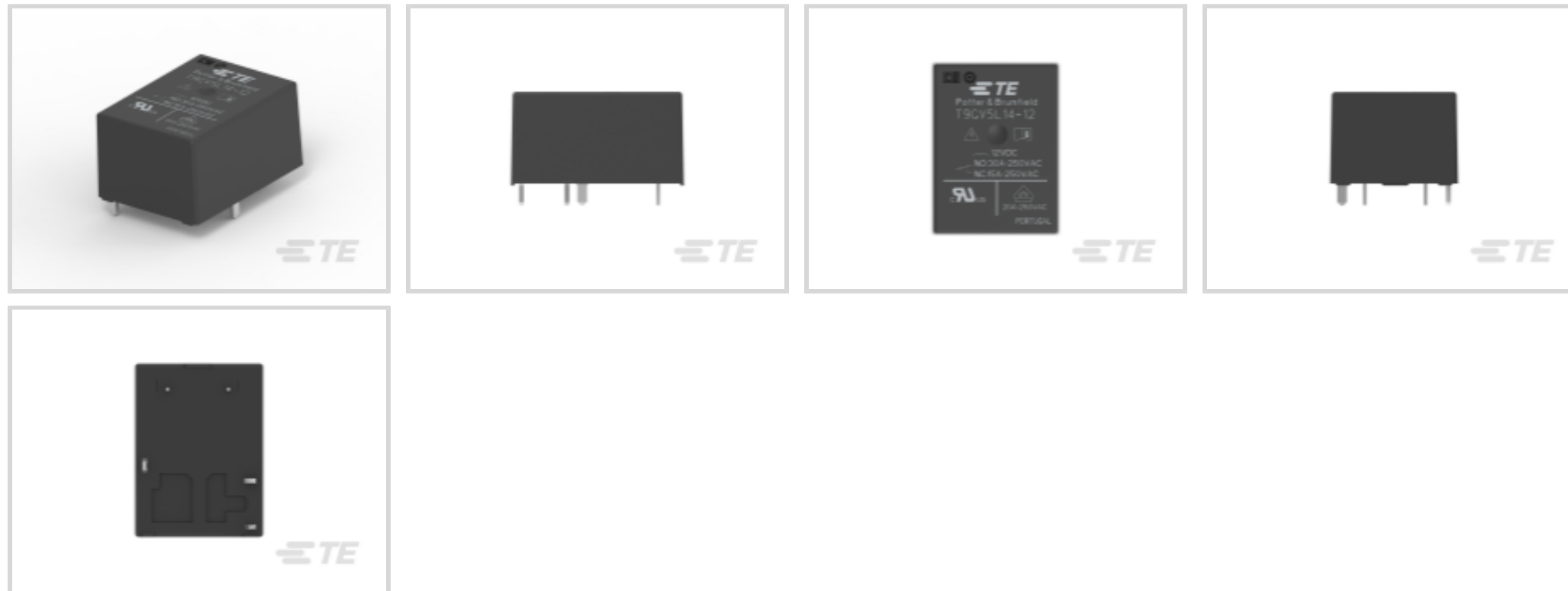
TE Internal #: 1558666-7

T9G SERIES DC COIL 30A PCB RELAY

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Relays, Contactors & Switches > Relays > Power Relays > T9G SERIES DC COIL 30A PCB RELAY



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 T9G SERIES DC COIL 30A PCB RELAY \(108\)](#)

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	4000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	2500 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)	1A @ 12V
Contact Switching Voltage (Max)	480 VAC
Contact Voltage Rating	250 VAC

Body Features

Product Weight	18 g[.635 oz]
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Contact Features

Contact Arrangement	1 Form A (NO)
Contact Current Class	20 – 30 A
Contact Current Rating (Max)	30 A
Contact Material	AgSnO
Contact Number of Poles	1
Terminal Type	PCB-THT

Termination Features

Relay Termination Type	Printed Circuit Terminals
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Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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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

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

Packaging Features

Packaging Method	Carton & Tube
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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: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | **Potter & Brumfield T9G**

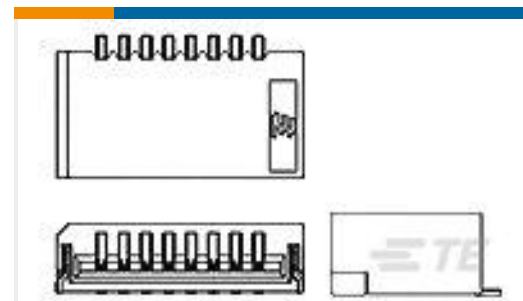


Power Relays(109)

Customers Also Bought



TE Part #1-1744417-2
12 POS EP 2.5 HSG,
GLOW WIRE



TE Part #1-84981-1
1MM FFC SMT H ASSY
11P EMBOSS



TE Part #6-1879354-3
RR03 5% 120R AMMO



TE Part #1410278-2
MULTIGIG RT PWR .8"
VRT RCP 2P PBFR



TE Part #1-2103177-1
PLUG ASSY, KEY A, TA,
HVA280-2PHI XE



TE Part #2-180930-1
FASTON IS BOOT PE RED



TE Part #282812-4
TERMI-BLOK HEADER,
ASSY 4P. 5

Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1558666-7_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1558666-7_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1558666-7_B.3d_stp.zip](#)

English

Datasheets & Catalog Pages

[Industrial Relays Quick Reference Guide](#)

English

[Industrial Relays Quick Reference Guide](#)

Japanese

[Industrial Relays Quick Reference Guide](#)

[PB 30A PCB Relay T9G Series](#)

English

[T9G Data Sheet](#)

English

[T9G Branded Card](#)

English

Product Specifications

[Definitions Relays](#)

English

Product Environmental Compliance

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[GCA95A120VAC50/60HZ](#) [GCA95A12VDC](#) [GCA95A240VAC50/60HZ](#) [GCA95A24VAC50/60HZ](#) [GCA95A48VAC60HZ](#) [ACC530U20](#)
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[N417](#) [P25-E5019-1](#) [P30C42A12D1-120](#) [2-1618398-1](#) [PBO-18A1218](#) [2307497](#) [RPYA00324LT](#) [RPYA003A120LT](#) [KR-4539-1](#)
[RT334012WG](#) [S160156115](#)