



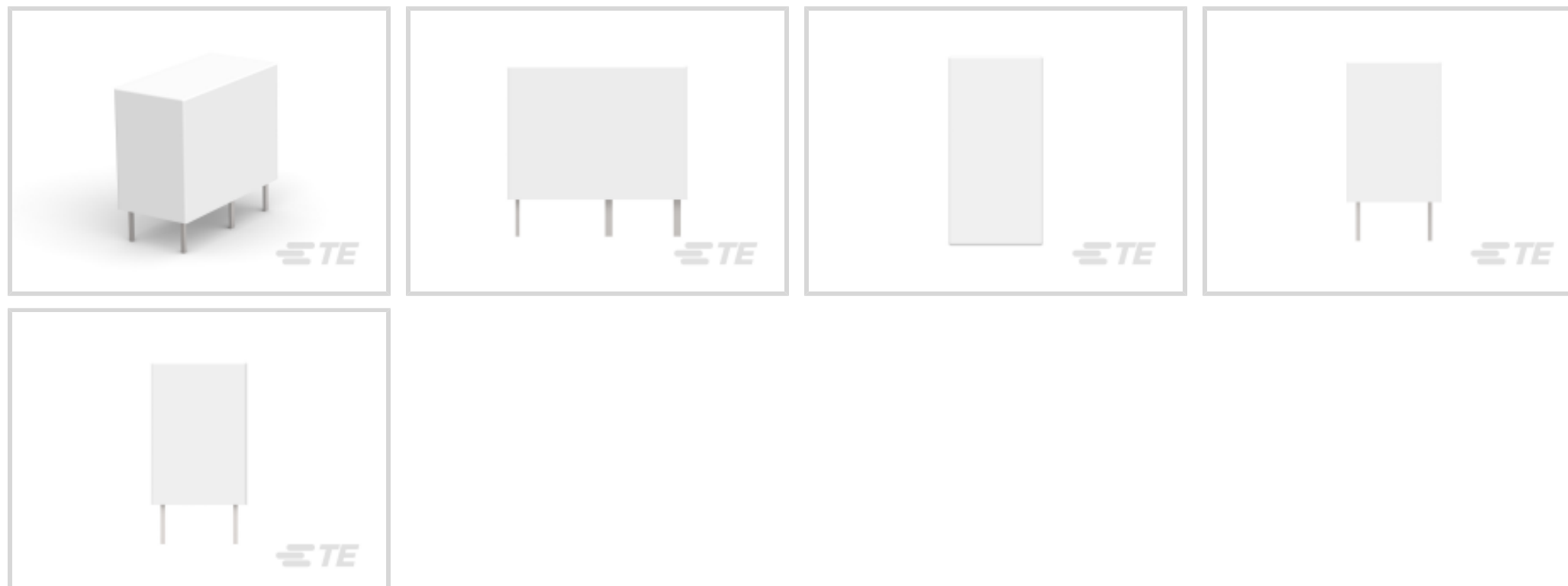
OEG

TE Internal #: 1721768-6

TE Internal Description: PCH-124L2M-WG

[View on TE.com >](#)

Relays & Contactors > Relays > Power Relays



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Coil Power Rating DC: **200 mW**

Coil Resistance: **2880 Ω**

Coil Special Features: **Sensitive Version, UL Coil Insulation Class F**

Features

Product Type Features

Relay Type	General Purpose Power Relay
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Configuration Features

Coil Special Features	Sensitive Version, UL Coil Insulation Class F
Contact Arrangement	1 Form A (NO)
Contact Number of Poles	1

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Making Current	5 A
Contact Limiting Short-Time Current	5 A
Contact Limiting Continuous Current	5 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Contact Limiting Breaking Current	5 A
Coil Power Rating DC	200 mW
Coil Resistance	2880 Ω
Coil Voltage Rating	24 VDC

Contact Current Rating	5 A
Contact Switching Load (Min)	100mA @ 5V
Contact Switching Voltage (Max)	30 VDC
Contact Voltage Rating	30 VDC

Body Features

Product Weight	7 g[.247 oz]
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Contact Features

Contact Material	AgSnO
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Dimensions

Product Width	10 mm[.394 in]
Product Length	20 mm[.787 in]
Product Height	15.2 mm[.598 in]

Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Actuating System	DC
Coil Magnetic System	Monostable

Packaging Features

Packaging Method	Bundle
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Other

Length Class (Mechanical)	16 – 20 mm
Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	15 – 16 mm
Coil Power Rating Class	150 – 200 mW
Width Class (Mechanical)	8 – 10 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
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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 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



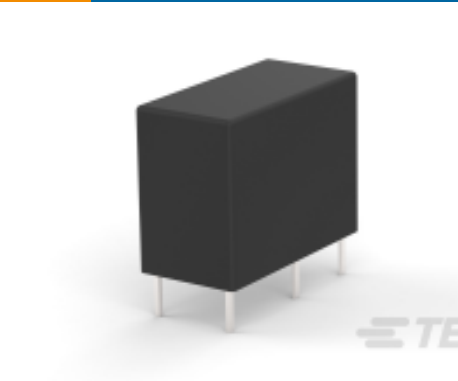
TE Part # 1721768-5
PCH-112L2M-WG



TE Part # 1461352-2
PCH-105L2M,000




TE Part # 1461353-6
PCH-124L2MH,000



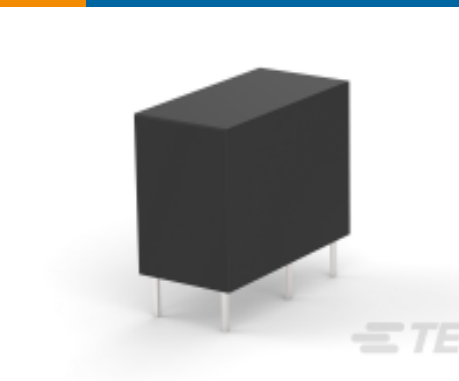
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TE Part # 1461352-5
PCH-112L2M,000



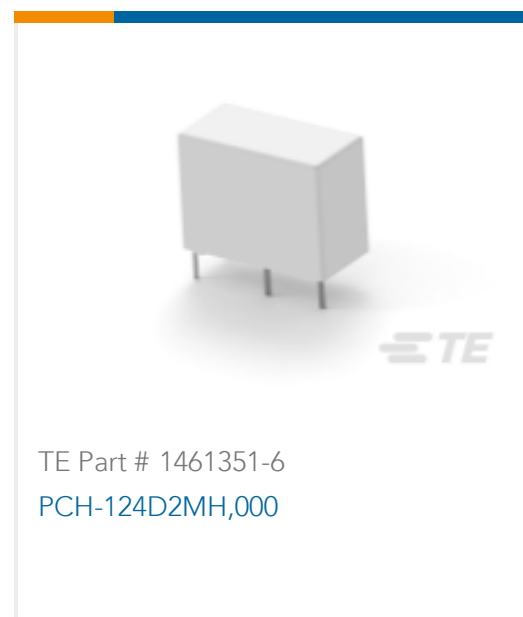
TE Part # 1461353-2
PCH-105L2MH,000



TE Part # 1461350-6
PCH-124D2M,000



TE Part # 1721768-2
PCH-105L2M-WG



Customers Also Bought



Documents

Product Drawings

[PCH-124L2M-WG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1721768-6_C2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1721768-6_C2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1721768-6_C2.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[PCH Series Relay Data Sheet - English](#)

English

Product Specifications

[PCH TRAY PACKING](#)

English

[Definitions General Purpose Relays](#)



English