

PCH-124D2H,000

✓ ACTIVE

OEG | OEG Miniature PCB Relay PCH

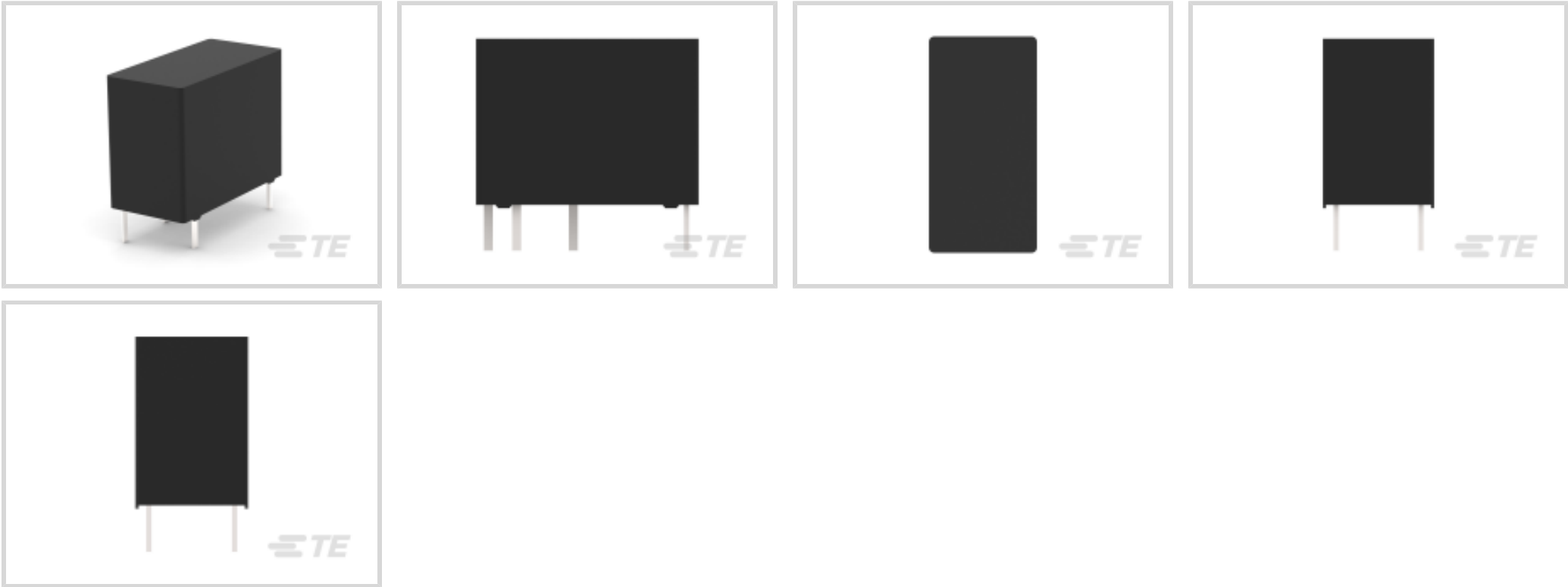
TE Part # 9-1440003-5

TE Internal #: PCH-124D2H,000

[View on TE.com >](#)



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **300 – 400 mW**

Coil Power Rating DC: **400 mW**

Coil Resistance: **1440 Ω**

Features

Product Type Features

Power Relay Type	Standard
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
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 Creepage Class	3 – 5.5 mm
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Contact Limiting Breaking Current	5 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	300 – 400 mW
Coil Power Rating DC	400 mW
Coil Resistance	1440 Ω
Coil Special Features	UL Coil Insulation Class F



Coil Voltage Rating	24 VDC
Contact Switching Load (Min)	100mA @ 5V
Contact Switching Voltage (Max)	30 VDC
Contact Voltage Rating	30 VDC

Body Features

Insulation Special Features	Tracking Index of Relay Base PTI175
Product Weight	7 g[.247 oz]

Contact Features

Contact Arrangement	1 Form C (CO)
Contact Current Class	2 – 5 A, 16 A
Contact Current Rating (Max)	5 A
Contact Material	AgSnO
Contact Number of Poles	1
Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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Dimensions

Length Class (Mechanical)	16 – 20 mm
Insulation Clearance Class	0 – 2.5 mm
Height Class (Mechanical)	15 – 16 mm
Width Class (Mechanical)	8 – 10 mm
Product Width	10 mm[.394 in]
Product Length	20 mm[.787 in]
Product Height	15.2 mm[.598 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]
Environmental Category of Protection	RTIII

Packaging Features

Packaging Method	Box & Tray, Tray
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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	欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月（197） SvHCs候选清单的声明更新至: 2019年1月（197）
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 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 | [OEG Miniature PCB Relay PCH](#)

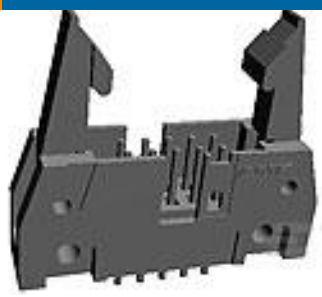
Power Relays(30)

RF Connectors(53)

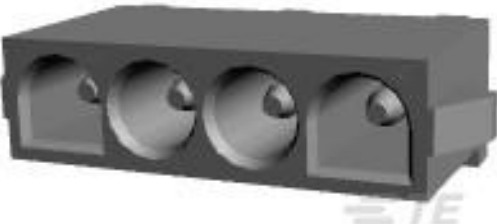
Customers Also Bought

PCH-124D2H,000

TE Part # 9-1440003-5
TE Internal #: PCH-124D2H,000



TE Part #5499922-1
A/L UNIV HDR 10P VERT
LG LAT



TE Part #350430-1
04P UMNL PIN HDR ASSY
NATL



TE Part #4-1419145-8
OUAZ-SH-124L,900



TE Part #2-1419130-8
TSC-124L3H,000



TE Part #3-794630-4
04P MICRO MNL ASSY
VRT HDR LF



TE Part #2-1419130-4
TSC-112L3H,000



TE Part #1241050-3
2x3P MOD II BREAK
AWAY HDR,SMD, BLISTER



TE Part #9-1440003-3
PCH-112D2H,000



TE Part #9-1419128-8
OJ-SH-112LMH,000

Documents

Product Drawings
PCH-124D2H,000

English
PCH-124D2H,000
Japanese

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_9-1440003-5_E1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_9-1440003-5_E1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_9-1440003-5_E1.3d_stp.zip

English



Datasheets & Catalog Pages

PCH Series Relay Data Sheet - English

English

Product Specifications

PCH-124D2H,001 Spec Sheet

Japanese

PCH TRAY PACKING

English

Definitions Relays

English

Product Environmental Compliance

TE Material Declaration

English