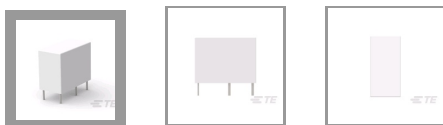+ RELAYS, CONTACTORS & SWITCHES

| POWER RELAYS

✔ Active

TE CONNECTIVITY (TE)

PCH-112D2M-WG

OEG | PCH

PCH-112D2M-WG
TE Internal Number: 1721767-5

EU RoHS Compliant
EU ELV Compliant

Power Relay Type Standard

Coil Magnetic System Monostable, DC

Coil Power Rating Class (mW) 300 – 400

Coil Power Rating DC (mW) 400

Coil Resistance (Ω) 360

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

DOCUMENTATION —

Product Drawings

PCH-D2M(H)-WG CUSTOMER DRAWING
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model
3D_IGS.ZIP

English

Customer View Model
3D_STP.ZIP

English

Catalog Pages/Data Sheets

PCH Series Relay Data Sheet - English
PDF

English

Product Specifications

Product Specification

Definitions Relays
PDF

English

FEATURES ﹢

Please review product documents or contact us for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

Power Relay Type Standard

Electrical Characteristics

Contact Limiting Breaking Current (A) 5
Coil Magnetic System Monostable, DC
Coil Power Rating Class (mW) 300 – 400
Coil Power Rating DC (mW) 400
Coil Resistance (Ω) 360
Coil Special Features UL Coil Insulation Class F
Coil Voltage Rating (VDC) 12
Contact Switching Load (Min) 100mA @ 5V
Contact Switching Voltage (Max) (VAC) 277
Contact Switching Voltage (Max) (VDC) 30
Contact Voltage Rating (VAC) 277
Contact Voltage Rating (VDC) 30
Insulation Initial Dielectric Between Contacts & Coil (Vrms) 4000
Insulation Creepage Class (mm) 3 – 5.5
Contact Limiting Continuous Current (A) 5
Contact Limiting Short-Time Current (A) 5
Contact Limiting Making Current (A) 5
Insulation Initial Dielectric Between Open Contacts (Vrms) 750
Insulation Initial Dielectric Between Coil & Contact Class (V) 3500 – 4000

Body Features

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

Contact Features

Contact Arrangement 1 Form A (NO)
Contact Current Class (A) 2 – 5, 16
Contact Current Rating (Max) (A) 5
Contact Material AgSnO
Contact Number of Poles 1
Terminal Type PCB-THT

Mechanical Attachment

Relay Mounting Type Printed Circuit Board

Dimensions

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

Usage Conditions

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

Packaging Features

Packaging Method Box & Tray, Tray

PRODUCT COMPLIANCE +

Statement of Compliance

Statement of Compliance
PDF

Compatible Products   ⟩ Contact Product Support

Also in the Series | PCH