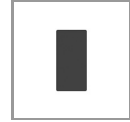
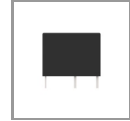
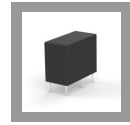


STANDARD POWER RELAYS



TE CONNECTIVITY (TE)
PCH-105L2M,000

OEG | PCH

PCH-105L2M,000

TE Internal Number: 1461352-2

Converted to EU RoHS/ELV Compliant

Contact Current Rating (A) **5**

Coil Power Rating (DC) (mW) **200**

Insulation Clearance Class **0 – 2.5mm**

Insulation Creepage Class **3 – 5.5mm**

Terminal Type **PCB-THT**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[PCH-L2M 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

[PCH TRAY PACKING](#)

PDF
English

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 | Product Type | Relay |
|--|--|--|
| | Relay Type | PCB Relay |
| Electrical Characteristics | Coil Power Rating (DC) (mW) | 200 |
| | Insulation Creepage Class | 3 – 5.5mm |
| | Coil Voltage Rating (VDC) | 5 |
| | Contact Voltage Rating | 277 VAC [30 VDC] |
| | Contact Switching Voltage (Max) | 277 VAC [30 VDC] |
| | Contact Limiting Breaking Current (A) | 5 |
| | Coil Special Features | Sensitive Version, UL Coil Insulation Class F |
| | Contact Limiting Continuous Current (A) | 5 |
| | Coil Magnetic System | Monostable, DC |
| | Contact Limiting Short-Time Current (A) | 5 |
| | Coil Resistance (Ω) | 125 |
| | Contact Limiting Making Current (A) | 5 |
| | Contact Switching Load (Min) | 100mA @ 5V |
| | Insulation Initial Dielectric Between Open Contacts (Vrms) | 750 |
| | Insulation Initial Dielectric Between Contacts and Coil (Vrms) | 4000 |
| Coil Power Rating Class | 150 – 200 mW | |
| Insulation Initial Dielectric Between Coil/Contact Class | 3500 – 4000 V | |
| Body Features | Insulation Special Features | Tracking Index of Relay Base PTI175 |
| | Weight | 7 g [.247 oz] |
| Contact Features | Contact Current Rating (A) | 5 |
| | Terminal Type | PCB-THT |
| | Contact Arrangement | 1 Form A (NO) |
| | Contact Number of Poles | 1 |
| | Contact Material | AgSnO |
| | Contact Current Class | 2 – 5 A, Less Than 16A |

| Mechanical Attachment | Mounting Type | Printed Circuit Board |
|-----------------------|---|----------------------------|
| Dimensions | Insulation Clearance Class | 0 – 2.5mm |
| | Length Class (Mechanical) (mm) | 16 – 20 |
| | Length | 20 mm [.787 in] |
| | Height Class (Mechanical) (mm) | 15 – 16 |
| | Height | 15.2 mm [.598 in] |
| | Width Class (Mechanical) (mm) | 8 – 10 |
| | Width | 10 mm [.394 in] |
| Usage Conditions | Environmental Category of Protection | RTII |
| | Environmental Ambient Temperature (Max) | 85 °C [185 °F] |
| | Environmental Ambient Temperature Class | 50 – 70°C |
| Packaging Features | Packaging Method | Tray, Tray/Box |
| Product Compliance | <p>Statement of Compliance PDF</p> <p>VIEW ALL PRODUCT COMPLIANCE</p> | |