# PCJ-124D3MH-WG,000M Pending obsolescence

### OEG | OEG Slimline PCB Relay PCN

TE Internal #: 1-1721547-4

TE Internal Description: PCJ-124D3MH-WG,000M

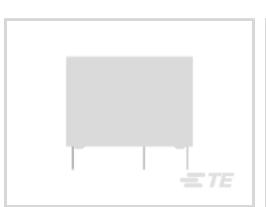
Slim PCB Relay, PCN 3A/5A 3VDC

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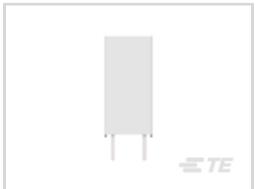
Relays, Contactors & Switches > Relays > Power Relays > Slim PCB Relay, PCN 3A/5A 3VDC











Power Relay Type: Standard

Coil Magnetic System: Monostable, DC Coil Power Rating Class: 150 – 200 mW

Coil Power Rating DC: 200 mW

Coil Resistance: 2880  $\Omega$ 

All Slim PCB Relay, PCN 3A/5A 3VDC (0)

# Features

# Product Type Features

Power Relay Type	Standard
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	5.5 – 8 mm
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Initial Resistance	1000 ΜΩ
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Contact Limiting Breaking Current	5 A
Coil Magnetic System	Monostable, DC



Coil Power Rating Class       150 − 200 mW         Coil Power Rating DC       200 mW         Coil Resistance       2880 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       250 VAC         Body Features       7000V Initial Surge Withstand Voltage between Contacts & Coil         Product Weight       4 g[.141 oz]
Coil Resistance2880 ΩCoil Special FeaturesUL Coil Insulation Class FCoil Voltage Rating24 VDCContact Switching Load (Min)100mA @ 5VContact Switching Voltage (Max)30 VDCContact Voltage Rating250 VACBody FeaturesInsulation Special Features7000V Initial Surge Withstand Voltage between Contacts & CoilProduct Weight4 g[.141 oz]
Coil Special Features  Coil Voltage Rating  24 VDC  Contact Switching Load (Min)  100mA @ 5V  Contact Switching Voltage (Max)  Contact Voltage Rating  250 VAC  Body Features  Insulation Special Features  7000V Initial Surge Withstand Voltage between Contacts & Coil  Product Weight  4 g[.141 oz]
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Insulation Special Features  7000V Initial Surge Withstand Voltage between Contacts & Coil  Product Weight  4 g[.141 oz]
Product Weight  4 g[.141 oz]
Contact Features
Contact Arrangement 1 Form A (NO)
Contact Current Class 2 – 5 A, 16 A
Contact Current Rating (Max) 5 A
Contact Material AgNi
Contact Number of Poles 1
Relay Terminal Type PCB-THT
Mechanical Attachment
Relay Mounting Type Printed Circuit Board
Dimensions
Length Class (Mechanical) 20 – 25 mm
Insulation Clearance Class 5 – 8 mm
Height Class (Mechanical) 14 – 15 mm
Insulation Clearance Between Contact & Coil 7.5 mm[.295 in]
Width Class (Mechanical) 6 – 8 mm
Product Width 7 mm[.276 in]
Product Length 20.39 mm[.803 in]
Product Height 15.01 mm[.591 in]
Usage Conditions
Environmental Ambient Temperature Class 70 – 85 °C
Environmental Ambient Temperature (Max) 85 °C[185 °F]



#### **Packaging Features**

	Packaging Method	Tube	
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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	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2020 (209) 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

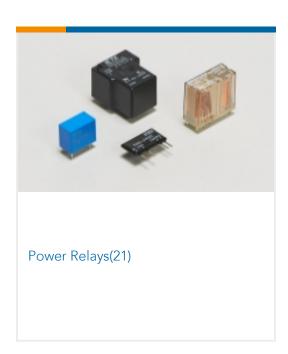
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | OEG Slimline PCB Relay PCN





### **Documents**

### **Product Drawings**

PCJ-124D3MH-WG,000M

English

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1-1721547-4\_G.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1721547-4\_G.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-1721547-4\_G.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

# Datasheets & Catalog Pages

PCJ Series Relay Data Sheet English

English

# **Product Specifications**

Definitions, Handling, Processing, Testing and Use of Relays

English

# **Product Environmental Compliance**

**Product Compliance** 

English

**Product Compliance** 

English