

PCJ-112D3M,301 ! PENDING OBSOLESCENCE



OEG | OEG Slimline PCB Relay PCN

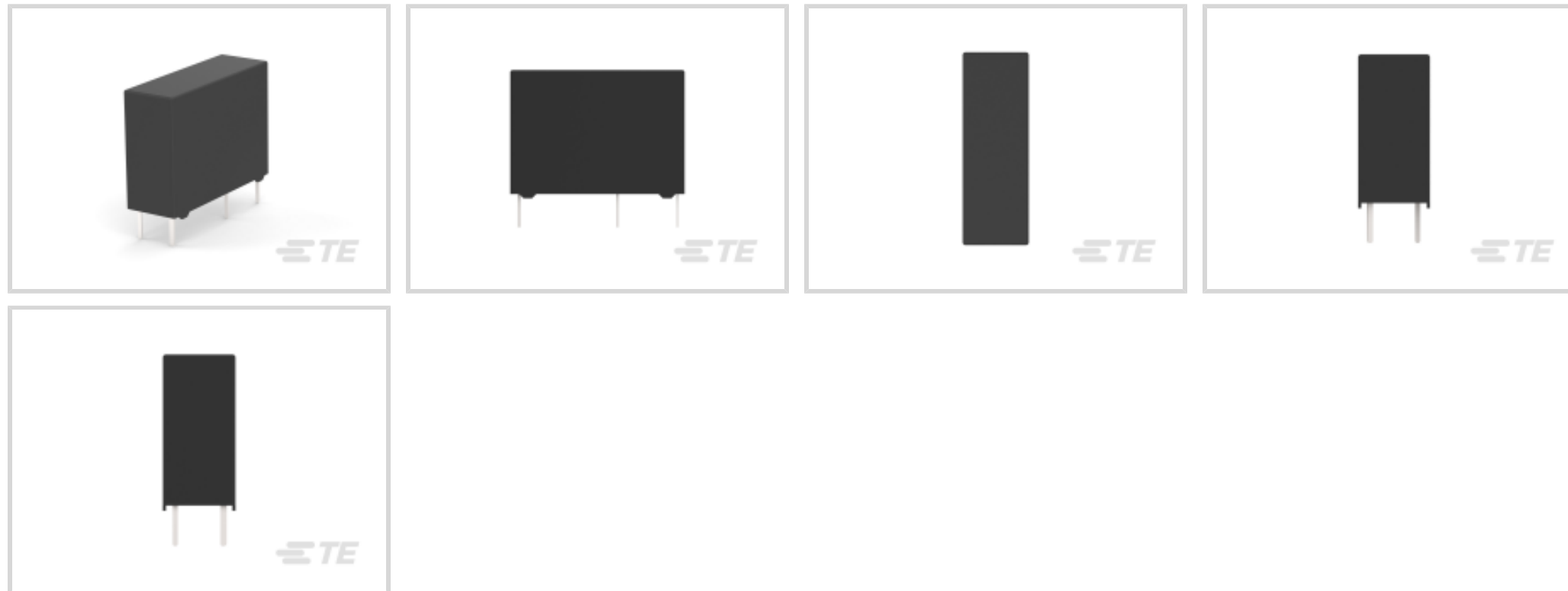
TE Internal #: 1721081-5

TE Internal Description: PCJ-112D3M,301

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

[View on TE.com >](#)

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 DC: **200 mW**

Coil Resistance: **720 Ω**

Coil Special Features: **UL Coil Insulation Class A**

[All Slim PCB Relay, PCN 3A/5A 3VDC \(0\)](#)

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	3 A
Contact Limiting Short-Time Current	3 A
Contact Limiting Continuous Current	3 A
Insulation Creepage Class	5.5 – 8 mm
Coil Power Rating Class	150 – 200 mW
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Initial Resistance	1000 M Ω
Insulation Creepage Between Contact & Coil	8 mm [.315 in]
Contact Limiting Breaking Current	3 A

Coil Magnetic System	Monostable, DC
Coil Power Rating DC	200 mW
Coil Resistance	720 Ω
Coil Special Features	UL Coil Insulation Class A
Coil Voltage Rating	12 VDC
Contact Switching Load (Min)	100mA @ 5V
Contact Switching Voltage (Max)	30 VDC
Contact Voltage Rating	250 VAC

Body Features

Insulation Special Features	7000V Initial Surge Withstand Voltage between Contacts & Coil
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)	3 A
Contact Material	AgNi
Contact Number of Poles	1
Relay Terminal Type	PCB-THT

Mechanical Attachment

Relay Mounting Type	Printed Circuit Board
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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

Bundle

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 2023 (235)
 Candidate List Declared Against: JAN 2021 (211)
 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](#)

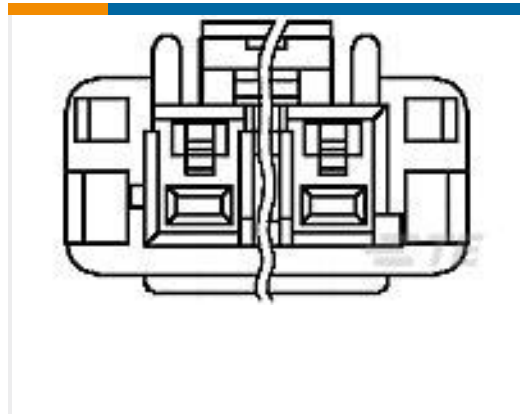


Power Relays(21)

Customers Also Bought



TE Part #8-338069-8
MICRO-MATCH SMD FTE



TE Part #1376388-1
5MM POWER KEY 2P PLUG HSG NUT



TE Part #3-1879021-5
SMW3 2R7 5%



TE Part #1558675-3
T9GS5L24-12



TE Part #2057629-1
CFP Module Conn Assy



TE Part #1217057-1
187 FASTON,PCB TAB,TPBR



TE Part #1-1734839-8
FPC CONN. 0.5MM PITCH T/C,18P



TE Part #2177588-1
20POS NANO MOS TL PLUG
HOUSING, CODE A

Documents

Product Drawings

PCJ-112D3M,301

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1721081-5_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1721081-5_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1721081-5_F.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 General Purpose Relays](#)

English

[Product Specification](#)

Japanese

[Product Specification](#)

Japanese

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English