PCJ-112D3M,303 ✔ ACTIVE

OEG | OEG Miniature PCB Relay PCJ

TE Part # 1721531-2

TE Internal #: PCJ-112D3M,303

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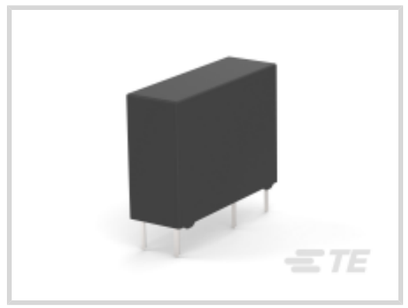
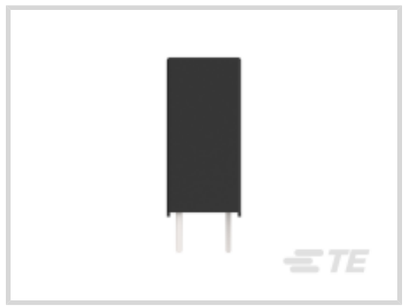
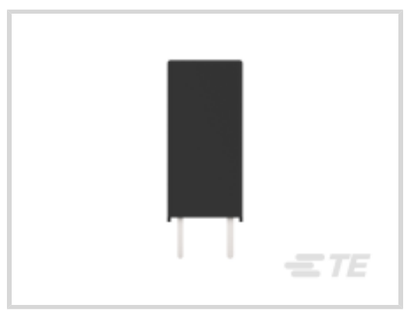


Power Relay Type: **Standard**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating Class: **150 – 200 mW**

Coil Power Rating DC: **200 mW**

Coil Resistance: **720 Ω**

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 MΩ
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	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)	5 A
Contact Material	AgNi
Contact Number of Poles	1
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]
Environmental Category of Protection	RTII

Packaging Features

Packaging Method	Box & Carton

Product Compliance

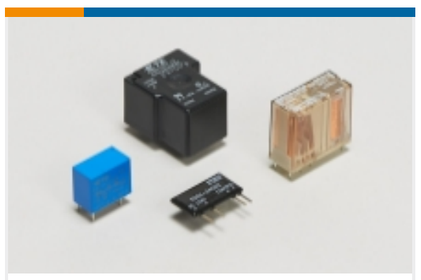
For compliance documentation, visit the product page on TE.com>

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: JAN 2019 (197) Candidate List Declared Against: JAN 2018 (181)
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 PCJ



Power Relays(42)

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TE Part #1-84984-2
1mm FFC DIP V ASSY 12P TUBE

TE Part #3-1879378-1
TLR 2512 1.0W R0025 1% 150PPM 2K RL

TE Part #2-1440002-6
OZ-SS-124DM1,200

TE Part #1461403-3
OJE-SH-105LMH,000

TE Part #1721531-4
PCJ-105D3MH,303

TE Part #3-2176185-1
CRGH0805 1% 330K 0.33W

TE Part #9-1879512-2
CRGH0805 1% 47R 0.33W

TE Part #1614996-1
LR0204 1% 13K

TE Part #1622790-1
LR2 1% 91K

TE Part #1622744-1
LR2 1% 3K0

Documents

Product Drawings

PCJ-112D3M,303

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1721531-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1721531-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1721531-2_F.3d_stp.zip

English

Datasheets & Catalog Pages

PCJ Series Relay Data Sheet English

English

Product Specifications

Definitions Relays

English

Product Environmental Compliance

Product Compliance

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