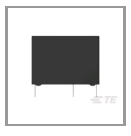
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RELAYS, CONTACTORS & SWITCHES

POWER RELAYS




✔ Active

TE CONNECTIVITY (TE)

PCJ-105D3M,303

OEG | PCJ

PCJ-105D3M,303
TE Internal Number: 1721531-1

EU RoHS Compliant
EU ELV Compliant

Power Relay Type Standard

Coil Magnetic System Monostable, DC

Coil Power Rating Class (mW) 150 – 200

Coil Power Rating DC (mW) 200

Coil Resistance (Ω) 125

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

PCJ_SPEC_303
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model

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2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
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) 150 – 200
Coil Power Rating DC (mW) 200
Coil Resistance (Ω) 125
Coil Special Features UL Coil Insulation Class A
Coil Voltage Rating (VDC) 5
Contact Switching Load (Min) 100mA @ 5V
Contact Switching Voltage (Max) (VAC) 250
Contact Switching Voltage (Max) (VDC) 30
Contact Voltage Rating (VAC) 250
Insulation Initial Dielectric Between Contacts & Coil (Vrms) 4000
Contact Limiting Continuous Current (A) 5
Insulation Creepage Between Contact & Coil 8 mm [.315 in]
Contact Limiting Making Current (A) 5
Insulation Initial Resistance (MΩ) 1000
Insulation Creepage Class (mm) 5.5 – 8
Contact Limiting Short-Time Current (A) 5
Insulation Initial Dielectric Between Open Contacts (Vrms) 750
Insulation Initial Dielectric Between Coil & Contact Class (V) 3500 – 4000

Body Features

Weight 4 g [.141 oz]
Insulation Special Features 7000V Initial Surge Withstand Voltage between Contacts & Coil

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Contact Features

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

Mechanical Attachment

Relay Mounting Type Printed Circuit Board

Dimensions

Width Class (Mechanical) (mm) 6 – 8
Length 20.39 mm [.803 in]
Insulation Clearance Class (mm) 5 – 8
Width 7 mm [.276 in]
Insulation Clearance Between Contact & Coil 7.5 mm [.295 in]
Height Class (Mechanical) (mm) 14 – 15
Height 15.01 mm [.591 in]
Length Class (Mechanical) (mm) 20 – 25

Usage Conditions

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

Packaging Features

Packaging Method Box & Carton

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance

PDF

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