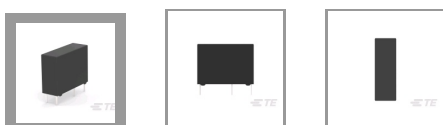




+ RELAYS, CONTACTORS & SWITCHES

POWER RELAYS



✓ Active

TE CONNECTIVITY (TE)

PCJ-105D3MH,301

OEG | PCJ

PCJ-105D3MH,301

TE Internal Number: 1721081-9

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 ,301 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

PCJ Series Relay Data Sheet English

PDF

English

Product Specifications

Product Specification

PCJ Standard Specification Sheet

PDF

Japanese

Definitions Relays

PDF

English

Qualification Test Report

501-79816 PCJ-D3M SPEC,301

PDF

Japanese

Product Environmental Compliance

TE Material Declaration

MD_1721081-9_02232017518_dmtec

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) 3
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) 3
Insulation Creepage Between Contact & Coil 8 mm [.315 in]
Contact Limiting Making Current (A) 3
Insulation Initial Resistance (M Ω) 1000
Insulation Creepage Class (mm) 5.5 – 8
Contact Limiting Short-Time Current (A) 3
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

Contact Features

Contact Arrangement 1 Form A (NO)
Contact Current Class (A) 2 – 5, 16
Contact Current Rating (Max) (A) 3
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 RTIII
Environmental Ambient Temperature Class ($^{\circ}$ C) 70 – 85
Environmental Ambient Temperature (Max) 85 $^{\circ}$ C [185 $^{\circ}$ F]

Packaging Features

Packaging Method Box & Carton



Statement of Compliance

Statement of Compliance

PDF
