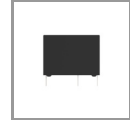
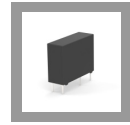
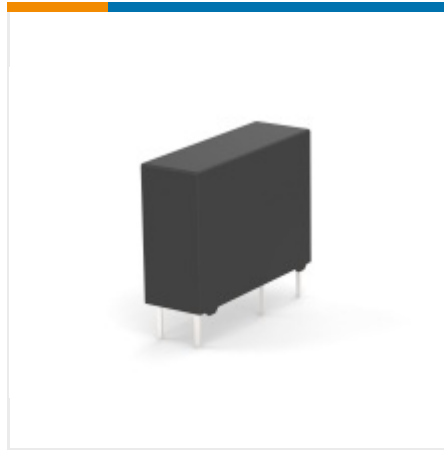


STANDARD POWER RELAYS



TE CONNECTIVITY (TE)
PCJ-105D3M,301

OEG | PCJ

PCJ-105D3M,301

TE Internal Number: 1721081-2

Converted to EU RoHS/ELV Compliant

Contact Current Rating (A) **3**

Coil Power Rating (DC) (mW) **200**

Insulation Clearance Class **5 – 8mm**

Insulation Creepage Class **5.5 – 8mm**

Terminal Type **PCB-THT**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

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

Qualification Test Report

[501-79816 PCJ-D3M SPEC,301](#)

PDF
Japanese

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	Product Type	Relay
	Relay Type	Miniature PCB Relay
Electrical Characteristics	Coil Power Rating (DC) (mW)	200
	Insulation Creepage Class	5.5 – 8mm
	Coil Voltage Rating (VDC)	5
	Contact Voltage Rating (VAC)	250
	Contact Switching Voltage (Max)	250 VAC [30 VDC]
	Contact Limiting Breaking Current (A)	3
	Coil Special Features	UL Coil Insulation Class A
	Contact Limiting Continuous Current (A)	3
	Coil Magnetic System	Monostable, DC
	Contact Limiting Short-Time Current (A)	3
	Insulation Creepage Between Contact and Coil	8 mm [.315 in]
	Insulation Initial Resistance (MΩ)	1000
	Coil Resistance (Ω)	125
	Contact Limiting Making Current (A)	3
	Contact Switching Load (Min)	100mA @ 5V
	Insulation Initial Dielectric Between Open Contacts (Vrms)	750
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	4000
	Coil Power Rating Class	150 – 200 mW
	Insulation Initial Dielectric Between Coil/Contact Class	3500 – 4000 V
Body Features	Insulation Special Features	7000V Initial Surge Withstand Voltage between Contacts & Coil
	Weight	4 g [.141 oz]
Contact Features	Contact Current Rating (A)	3
	Terminal Type	PCB-THT
	Contact Arrangement	1 Form A (NO)
	Contact Number of Poles	1

Contact Material	AgNi
Contact Current Class	2 – 5 A, Less Than 16A

Mechanical Attachment	Mounting Type	Printed Circuit Board
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Dimensions	Insulation Clearance Class	5 – 8mm
	Length Class (Mechanical) (mm)	20 – 25
	Length	20.39 mm [.803 in]
	Height Class (Mechanical) (mm)	14 – 15
	Height	15.01 mm [.591 in]
	Insulation Clearance Between Contact and Coil	7.5 mm [.295 in]
	Width Class (Mechanical) (mm)	6 – 8
	Width	7 mm [.276 in]

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

Packaging Features	Packaging Method	Box/Carton
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Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)