

PCB RELAYS



TE CONNECTIVITY (TE)
V23201-C1001-A512
Power Relay PK2

7-1904100-8
TE Internal Number: 7-1904100-8

Always EU RoHS/ELV Compliant

Rated Coil Voltage (VDC) **12**

Contact Current Class **30 – 50 A**

Contact Arrangement **1 Form A (NO)**

Coil Magnetic System **Monostable, DC**

Terminal Type **PCB-THT**

✓ Active

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Catalog Pages/Data Sheets

[Automotive Relay Application Notes](#)

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Product Specifications

Product Specification

[Definitions Relays](#)

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Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features Relay Type **Power Relay PK2 (THT)**

Product Type **Relay**

Electrical Characteristics Rated Coil Voltage (VDC) **12**

Coil Magnetic System **Monostable, DC**

Coil Resistance (Ω) **176**

Current Rating (85°C) (A) **40**

Coil Power Rating Class (mW) **800 – 1000**

Coil Power Rating (DC) (mW) **818**

Contact Limiting Continuous Current (A) **50**

Rated Voltage (VDC) **12**

Insulation Initial Dielectric Between Coil/Contact Class **0 – 500 V**

Contact Limiting Breaking Current (A) **40**

Contact Limiting Making Current (A) **250**

Contact Switching Load (Min) **1000mA @ 5VDC**

Insulation Initial Dielectric Between Contacts and Coil (Vrms) **500**

Insulation Initial Dielectric Between Open Contacts (Vrms) **500**

Body Features Weight **11 g [.388 oz]**

Contact Features Contact Current Class **30 – 50 A**

Contact Arrangement **1 Form A (NO)**

Terminal Type **PCB-THT**

Contact Base Material **AgSnO2**

Mechanical Attachment Mounting Type **Printed Circuit Board**

Dimensions Height **15.9 mm [.626 in]**

Length **18.3 mm [.72 in]**

Width **16 mm [.63 in]**

Height Class (Mechanical) **15 – 16 mm**

Width Class (Mechanical) **12 – 16 mm**

Length Class (Mechanical) **16 – 20 mm**

Usage Conditions

Environmental Category of Protection

RTIII

Environmental Ambient Temperature (Max)

125 °C [257 °F]

Environmental Ambient Temperature Class

105 – 125°C

Product Compliance

Statement of Compliance

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