

PCB RELAYS



✓ Active

 **3D PDF**

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**

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

Automotive Relay Application Notes

PDF
English

Power Relay PK2 HE (THT - THR, High Endurance), Single, PCB

PDF
English

Product Specifications

Product Specification

Definitions Relays

PDF
English

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](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)