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TE CONNECTIVITY (TE) V23076A1001C133

Power Relay K

1393277-4

TE Internal Number: 1393277-4

Alias ID: V23076A1001C133

Converted to EU RoHS/ELV Compliant

Rated Coil Voltage (VDC) **12**

Contact Current Class **30 – 50 A**

Contact Arrangement **1 Form C (CO)**

Coil Magnetic System **Monostable, DC**

Terminal Type **PCB-THT**

CAD Files

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

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 K (Sealed), 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 K (Sealed)

Product Type

Relay

Electrical Characteristics

Rated Coil Voltage (VDC)

12

	Coil Magnetic System	Monostable, DC
	Coil Resistance (Ω)	90
	Current Rating (85°C) (A)	25, 30
	Coil Power Rating (DC) (mW)	1600
	Contact Limiting Continuous Current (A)	30, 45
	Rated Voltage (VDC)	12
	Insulation Initial Dielectric Between Coil/Contact Class	0 – 500 V
	Contact Limiting Breaking Current (A)	30, 60
	Contact Limiting Making Current (A)	100, 30
	Contact Switching Load (Min)	1000mA @ 5VDC
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	500
	Insulation Initial Dielectric Between Open Contacts (Vrms)	500
	Coil Power Rating Class	>1.5W
Body Features	Weight	22 g [.77 oz]
Contact Features	Contact Current Class	30 – 50 A
	Contact Arrangement	1 Form C (CO)
	Terminal Type	PCB-THT
	Contact Base Material	AgNi0.15
Mechanical Attachment	Mounting Type	Printed Circuit Board
Dimensions	Height	21.2 mm [.835 in]
	Length	26.1 mm [1.027 in]
	Width	21.1 mm [.83 in]
	Height Class (Mechanical)	20 – 25 mm
	Width Class (Mechanical)	20 – 25 mm
	Length Class (Mechanical)	25 – 30 mm
Usage Conditions	Environmental Category of Protection	RTIII
	Environmental Ambient Temperature (Max)	85 °C [185 °F]
	Environmental Ambient Temperature Class	70 – 85°C

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