



STANDARD POWER RELAYS



✓ Active

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TE CONNECTIVITY (TE)

RE034024

Schrack | RE Miniature PCB Relay

2-1416010-7

TE Internal Number: 2-1416010-7

Alias ID: RE034024

[Always EU RoHS/ELV Compliant](#)

Contact Current Rating (A) **6**

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

Insulation Clearance Class **2.5 – 4mm**

Insulation Creepage Class **3 – 5.5mm**

Terminal Type **PCB-THT**

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
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3D_IGS.ZIP
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3D_STP.ZIP
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Catalog Pages/Data Sheets

[Miniature PCB Relay RE](#)

PDF
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Product Specifications

Product Specification

[Definitions Relays](#)

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

Product Type Features

Product Type

Relay

Relay Type

Miniature PCB Relay

Electrical Characteristics

Coil Power Rating (DC) (mW)

200

Insulation Creepage Class

3 – 5.5mm

Coil Voltage Rating (VDC)

24

	Contact Voltage Rating (VAC)	250
	Contact Switching Voltage (Max) (VAC)	400
	Contact Limiting Breaking Current (A)	6
	Coil Special Features	UL Coil Insulation Class F
	Contact Limiting Continuous Current (A)	6
	Coil Magnetic System	Monostable, DC
	Contact Limiting Short-Time Current (A)	6
	Insulation Creepage Between Contact and Coil	4 mm [.157 in]
	Coil Resistance (Ω)	2880
	Contact Limiting Making Current (A)	15
	Insulation Initial Dielectric Between Open Contacts (Vrms)	1000
	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	Tracking Index of Relay Base PT1250
	Weight	5 g [.1764 oz]
Contact Features	Contact Current Rating (A)	6
	Terminal Type	PCB-THT
	Contact Arrangement	1 Form A (NO)
	Contact Number of Poles	1
	Contact Material	AgSnO2
	Contact Current Class	5 – 10 A, Less Than 16A
Mechanical Attachment	Mounting Type	Printed Circuit Board
Dimensions	Insulation Clearance Class	2.5 – 4mm
	Length Class (Mechanical) (mm)	16 – 20
	Length	20 mm [.787 in]
	Height Class (Mechanical) (mm)	10 – 11
	Height	10.6 mm [.417 in]
	Insulation Clearance Between Contact and Coil	4 mm [.157 in]
	Width Class (Mechanical) (mm)	8 – 10
	Width	10 mm [.394 in]

Usage Conditions	Environmental Category of Protection	RTIII
	Environmental Ambient Temperature (Max)	70 °C [158 °F]
	Environmental Ambient Temperature Class	50 – 70°C
Packaging Features	Packaging Method	Tube, Tube/Box
Product Compliance	Statement of Compliance	
	PDF	
	VIEW ALL PRODUCT COMPLIANCE	

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LR1F12K

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