



STANDARD POWER RELAYS



Active

TE CONNECTIVITY (TE)

RTE25005

Schrack | RT2 Power PCB Relay

1-1393243-9

TE Internal Number: 1-1393243-9

Alias ID: RTE25005

Converted to EU RoHS/ELV Compliant

Contact Current Rating (A) **8**

Coil Power Rating (DC) (mW) **403**

Insulation Clearance Class **>8mm**

Insulation Creepage Class **>8mm**

Terminal Type **PCB-THT, Plug-In**

Catalog Pages/Data Sheets

[Power PCB Relay RT2](#)

PDF
English

Product Specifications

Product Specification

[Definitions Relays](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1-1393243-9_12232014142_dmtec](#)

PDF
English

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

Product Type Features

Product Type

Relay

Relay Type

PCB Relay

Electrical Characteristics

Coil Power Rating (DC) (mW)

403

Insulation Creepage Class

>8mm

Coil Voltage Rating (VDC)

5

Contact Voltage Rating (VAC)

250

Contact Switching Voltage (Max) (VAC)

400

Contact Limiting Breaking Current (A)

8

Coil Special Features

UL Coil Insulation Class F

Contact Limiting Continuous Current (A)	8
Coil Magnetic System	Monostable, DC
Contact Limiting Short-Time Current (A)	8
Insulation Creepage Between Contact and Coil	10 mm [.394 in]
Insulation Initial Dielectric Between Adjacent Contacts (Vrms)	2500
Coil Resistance (Ω)	62
Contact Limiting Making Current (A)	15
Insulation Initial Dielectric Between Open Contacts (Vrms)	1000
Insulation Initial Dielectric Between Contacts and Coil (Vrms)	5000
Coil Power Rating Class	400 – 500 mW
Insulation Initial Dielectric Between Coil/Contact Class	>4000V

Body Features	Insulation Special Features	Tracking Index of Relay Base PTI250
	Weight	13 g [.459 oz]

Contact Features	Contact Current Rating (A)	8
	Terminal Type	PCB-THT, Plug-In
	Contact Arrangement	2 Form C (CO)
	Contact Number of Poles	2
	Contact Material	AgNi90/10
	Contact Current Class	5 – 10 A, Less Than 16A
	Contact Plating Material	Gold

Mechanical Attachment	Mounting Type	Printed Circuit Board, Socket
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Dimensions	Insulation Clearance Class	>8mm
	Length Class (Mechanical) (mm)	25 – 30
	Length	29 mm [1.142 in]
	Height Class (Mechanical) (mm)	15 – 16
	Height	15.7 mm [.618 in]
	Insulation Clearance Between Contact and Coil	10 mm [.394 in]
	Width Class (Mechanical) (mm)	12 – 16
	Width	12.7 mm [.5 in]

Usage Conditions	Environmental Category of Protection	RTIII
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Environmental Ambient Temperature (Max) **85 °C [185 °F]**

Environmental Ambient Temperature Class **70 – 85°C**

Packaging Features

Packaging Method

Tube, Tube/Box

Other

Accessories/Socket Type













DIN Rail Socket, PCB Socket

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS	SURFACE MOUNT RESISTORS	WIRE-TO-BOARD HEADERS & RECEPTACLES	SURFACE MOUNT RESISTORS
			
<p>RN 0805 316R 0.1% 10PPM CUT LENGTH RN73C2A316RBTG</p>	<p>RN 0805 316R 0.1% 10PPM 1KRL RN73C2A316RBTDF</p>	<p>16 MTE HDR SRRA LTCH.100CL LF 6-103635-5</p>	<p>RN 0603 511R 0.1% 10PPM CUT LENGTH RN73C1J511RBTG</p>
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