



STANDARD POWER RELAYS



✓ Active

3D PDF

TE CONNECTIVITY (TE)

RY612005

Schrack | RYII Power PCB Relay

RY612005

TE Internal Number: 2-1393225-3

Converted to EU RoHS/ELV Compliant

Contact Current Rating (A) **8**

Coil Power Rating (DC) (mW) **223**

Insulation Clearance Class **5 – 8mm**

Insulation Creepage Class **5.5 – 8mm**

Terminal Type **PCB-THT**

CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
English

Catalog Pages/Data Sheets

Miniature Power PCB Relay RYII

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

Product Type

Relay

Relay Type

Miniature PCB Relay

Electrical Characteristics

Coil Power Rating (DC) (mW)

223

Insulation Creepage Class

5.5 – 8mm









Coil Voltage Rating (VDC)

5

	Contact Voltage Rating (VAC)	250
	Contact Switching Voltage (Max) (VAC)	400
	Contact Limiting Breaking Current (A)	8
	Contact Limiting Continuous Current (A)	8
	Coil Magnetic System	Monostable, DC
	Contact Limiting Short-Time Current (A)	8
	Insulation Creepage Between Contact and Coil	8 mm [.315 in]
	Coil Resistance (Ω)	112
	Contact Limiting Making Current (A)	8
	Insulation Initial Dielectric Between Open Contacts (Vrms)	1000
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	5000
	Coil Power Rating Class	200 – 300 mW
	Insulation Initial Dielectric Between Coil/Contact Class	>4000V
Body Features	Insulation Special Features	Tracking Index of Relay Base PTI250
	Weight	8 g [.282 oz]
Contact Features	Contact Current Rating (A)	8
	Terminal Type	PCB-THT
	Contact Arrangement	1 Form C (CO)
	Contact Number of Poles	1
	Contact Material	AgNi0.15
	Contact Current Class	5 – 10 A, Less Than 16A
	Contact Plating Material	Gold
Mechanical Attachment	Mounting Type	Printed Circuit Board
Dimensions	Insulation Clearance Class	5 – 8mm
	Length Class (Mechanical) (mm)	25 – 30
	Length	28.5 mm [1.122 in]
	Height Class (Mechanical) (mm)	12 – 13
	Height	12.3 mm [.484 in]
	Insulation Clearance Between Contact and Coil	8 mm [.315 in]
	Width Class (Mechanical) (mm)	10 – 12
	Width (in)	.398

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

CUSTOMERS ALSO BOUGHT

STANDARD POWER RELAYS	PPTC/MOV DEVICES	HIGH SPEED BACKPLANE CONNECTORS	BOARD-TO-BOARD HEADERS & RECEPTACLES
<div>RTE25005</div> <div>1-1393243-9</div> <div><div> Save to List</div><div> Find Similar Products</div></div>	<div>LVM2P-015R10431</div> <div>LVM2P-015R10431</div> <div><div> Save to List</div><div> Find Similar Products</div></div>	<div>MULTIGIG RT T2 .8" BP</div> <div>FULL CNT</div> <div>1410140-1</div> <div><div> Save to List</div><div> Find Similar Products</div></div>	<div>BOX II 2 ROW RECP ASSY</div> <div>60 POS</div> <div>533289-5</div> <div><div> Save to List</div><div> Find Similar Products</div></div>