



## STANDARD POWER RELAYS



✓ Active

TE CONNECTIVITY (TE)

### RTS3TF12

Schrack | RT1 Inrush Power

1415898-5

TE Internal Number: 1415898-5

Alias ID: RTS3TF12

Always EU RoHS/ELV Compliant

Contact Current Rating (A) **16**

Coil Power Rating (DC) (mW) **600**

Insulation Clearance Class **>8mm**

Insulation Creepage Class **>8mm**

Terminal Type **PCB-THT**

#### Catalog Pages/Data Sheets

[Power PCB Relay RT1 Inrush Power](#)

PDF  
English

#### Product Specifications

Product Specification

[Definitions Relays](#)

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#### Product Environmental Compliance

TE Material Declaration

[MD\\_1415898-5\\_07212014037\\_dmtec](#)

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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)

**600**

Insulation Creepage Class

**>8mm**

Coil Voltage Rating (VDC)

**12**

Contact Voltage Rating (VAC)

**250**

Contact Switching Voltage (Max) (VAC)

**400**

Contact Limiting Breaking Current (A)

**16**

Coil Special Features

**UL Coil Insulation Class F**












	Contact Limiting Continuous Current (A)	16
	Coil Magnetic System	Bistable, 2 Coils, Polarized
	Contact Limiting Short-Time Current (A)	16
	Insulation Creepage Between Contact and Coil	10 mm [ .394 in ]
	Coil Resistance (Ω)	240
	Contact Limiting Making Current (A)	165
	Insulation Initial Dielectric Between Open Contacts (Vrms)	1250
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	5000
	Insulation Initial Dielectric Between Coil/Contact Class	>4000V
Body Features	Insulation Special Features	Tracking Index of Relay Base PTI250
	Weight	14 g [ .494 oz ]
Contact Features	Contact Current Rating (A)	16
	Terminal Type	PCB-THT
	Contact Arrangement	1 Form A (NO)
	Contact Number of Poles	1
	Contact Material	AgNi90/10
	Contact Current Class	10 – 20 A, Greater Than 16A
	Contact Special Features	W Pre-Make Contact
Mechanical Attachment	Mounting Type	Printed Circuit Board
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	RTII
	Environmental Ambient Temperature (Max)	85 °C [ 185 °F ]
	Environmental Ambient Temperature Class	70 – 85°C

Product Compliance

Statement of Compliance  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS	STANDARD POWER RELAYS	IEC UNFILTERED INLETS	STANDARD POWER RELAYS
			
SMW2 56R 5% SMW256RJT	RZ03-1A3-D024 5-1415899-0	6ESRM-3=F6920 6ESRM-3	RT314F12 RT314F12
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