

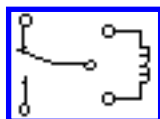
## Features

- PC mountable
- Only 1.1 cubic inches
- Long life

# R48 Series



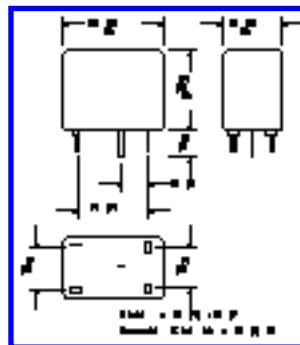
SPDT, 1 Form "C"



| DC OPERATED  |              |              |                    |            |                                     |           |
|--------------|--------------|--------------|--------------------|------------|-------------------------------------|-----------|
| NTE Type No. | Nom. Voltage | Contact Arr. | Coil Res. Ohms Typ | Nom. Power | Max. Contact Current @ 28VDC 120VAC | Diag. No. |
| R48-5D10-6   | 6VDC         | SPDT         | 100                | 250mW      | 10A                                 | D24       |
| R48-5D10-12  | 12VDC        | SPDT         | 600                | 250mW      | 10A                                 | D24       |
| R48-5D10-24  | 24VDC        | SPDT         | 2400               | 250mW      | 10A                                 | D24       |

**Miniature General Purpose 5 Amp & 10 Amp AC & DC, SPDT Relays for TV Remote Control, Burglar Alarms, Timers, and Garage Door Openers**

**Dimensional Drawing D24**



## Electrical Specifications

### Contact

**Rating:** 5 Amp 120/240 VAC  
10 Amp 28 VDC (resistive load)  
**Material:** Silver, gold plated

### Coil

**Coil Voltages:** See Chart  
**Pick-Up Voltages:** 75% of nominal coil voltage (AC)  
80% of nominal coil voltage (DC)  
**Drop-Out Voltages:** 10% of actual pick-up (min)  
**Resistance:** See Chart

## Operational Characteristics

### Timing Value:

**Operate Time:** 12 mS Typ  
**Release Time:** 3 mS Typ

## Insulation Characteristics

### Dielectric Strength:

**Contact to Coil Voltages:** 1500 VRMS  
**Across Open Contacts:** 500 VRMS  
**Coil to Frame:** 1500 VRMS  
**Resistance:** 1000 megohms min @ 500 VDC

## Environmental Characteristics

**Operating:** -55°C to +85°C

**Soldering:** +270°C (+518°F) max

**Life**

**Mechanical:** 50,000,000 operations min

**Weight**

**Std:** 1.5 oz (42 grams) approx.



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