

PC Mount Relays

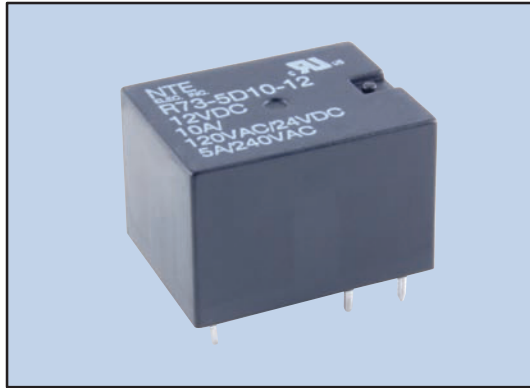
R73 Series



Subminiature, PC Mount, 10 Amp, SPST-NO & SPDT Relay, for Security and Telecommunication Equipment.

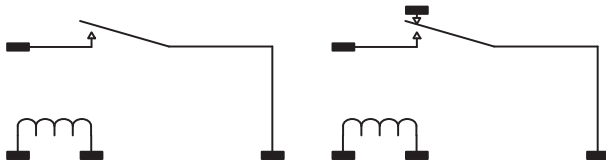
Features

- Small Size
- Epoxy Sealed
- Standard Pin Spacing (0.1")
- PC Board Mount

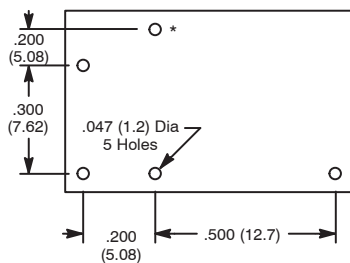


SPST-NO, 1 Form "A"

SPDT, 1 Form "C"



Mounting Holes (Bottom View)

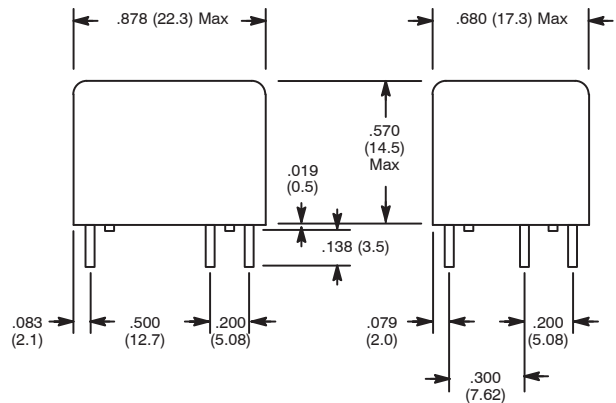


* Pin is omitted on SPST-NO devices

DC OPERATED

| NTE Type No. | Nom. Volt. | Contact Arr. | Coil Res. ±10% Ohms (Typ) | Approx. Nom. Power | Max. Contact Cur. @ 28VDC or 120VAC | Diag No. |
|--------------|------------|--------------|---------------------------|--------------------|-------------------------------------|----------|
| R73-1D10-3 | 3VDC | SPST-NO | 20 | 450mW | 10A | D49 |
| R73-1D10-5/6 | 6VDC | SPST-NO | 80 | 450mW | 10A | D49 |
| R73-1D10-12 | 12VDC | SPST-NO | 320 | 450mW | 10A | D49 |
| R73-1D10-24 | 24VDC | SPST-NO | 1280 | 450mW | 10A | D49 |
| R73-5D10-3 | 3VDC | SPDT | 20 | 450mW | 10A | D49 |
| R73-5D10-5/6 | 6VDC | SPDT | 80 | 450mW | 10A | D49 |
| R73-5D10-12 | 12VDC | SPDT | 320 | 450mW | 10A | D49 |
| R73-5D10-24 | 24VDC | SPDT | 1280 | 450mW | 10A | D49 |
| R73-5D10-48 | 48VDC | SPDT | 3800 | 450mW | 10A | D49 |

D49



Electrical Specifications

Contact

Rating: 10 Amp @ 120VAC/28VDC
Material: Silver cadmium oxide
Resistance: 0.06Ω (At Nominal Conditions)

Coil

Coil Voltages: See Chart
Pick-up Voltages: 75% max of rated voltage
Drop-out Voltages: 10% min of rated voltage
Resistance: See Chart

Operational Characteristics

Timing Value:
Operate Time: 5 ms max
Release Time: 10 ms max

Insulation Characteristics

Dielectric Strength
Between Contact and Coil: 1500 VAC
Between Contacts: 750 VAC
Insulation Resistance: 100MΩ

Environmental Characteristics

Operating: -55°C to +85°C

Life

Mechanical: 100,000 operations
Electrical: 10,000,000 operations

Weight

Std: 0.39 oz (11 grams) approx.