

PC Mount Relays

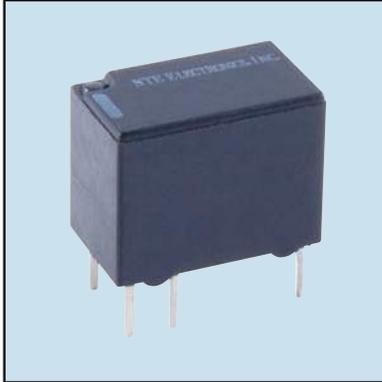
R70 Series



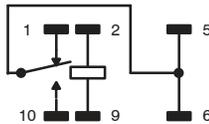
Subminiature, SPDT, 1 Amp Relay for Telecommunications, Computer/Peripheral Equipment and Interface Applications.

Features

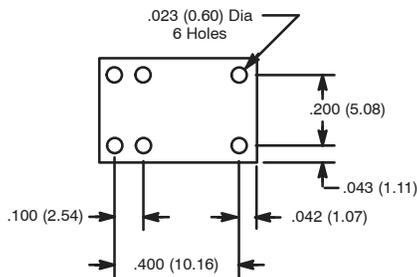
- High Sensitivity
- Small Size
- Fully-Sealed Construction
- Low Power Consumption



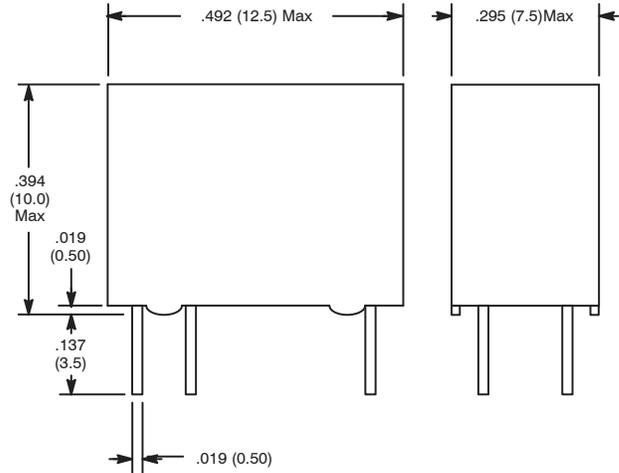
SPDT, 1 Form "C"



Mounting Holes (Bottom View)



D44



Electrical Specifications

Contact

Rating: 0.5A at 125VAC, 1A at 24VDC
Material: Ag (Au clad)

Coil

Coil Voltages: See Chart
Pick-up Voltages: 80% of rated voltage
Drop-out Voltages: 10% of rated voltage
Resistance: See Chart

Operational Characteristics

Timing Value: **Operate Time:** 5 mS max
Release Time: 5 mS max

Insulation Characteristics

Dielectric Strength
Between Coil & Contacts: 1000 VAC
Between Contacts of Same Polarity: 400 VAC
Resistance: 100 megohms max.

Environmental Characteristics

Operating: -30°C to +70°C

Life

Mechanical: 5,000,000 operations min (at 36,000 operations/hr)

Weight

Std: 0.08 oz (2.2 grams) approx.

DC OPERATED

| NTE Type No. | Nom. Volt. | Contact Arr. | Coil Res. Ohms (Typ) | Approx. Nom. Power | Max. Contact Cur. @ 24VDC or 125VAC | Diag No. |
|--------------|------------|--------------|----------------------|--------------------|-------------------------------------|----------|
| R70-5D1-3 | 3VDC | SPDT | 60 | 150mW | 1A/0.5A | D44 |
| R70-5D1-5 | 5VDC | SPDT | 166.7 | 150mW | 1A/0.5A | D44 |
| R70-5D1-6 | 6VDC | SPDT | 240 | 150mW | 1A/0.5A | D44 |
| R70-5D1-12 | 12VDC | SPDT | 960 | 150mW | 1A/0.5A | D44 |
| R70-5D1-24 | 24VDC | SPDT | 3,840 | 150mW | 1A/0.5A | D44 |