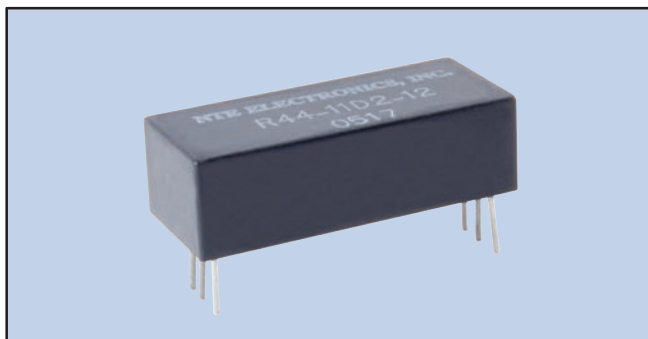


# Reed Relays

## R44 Series

### Features

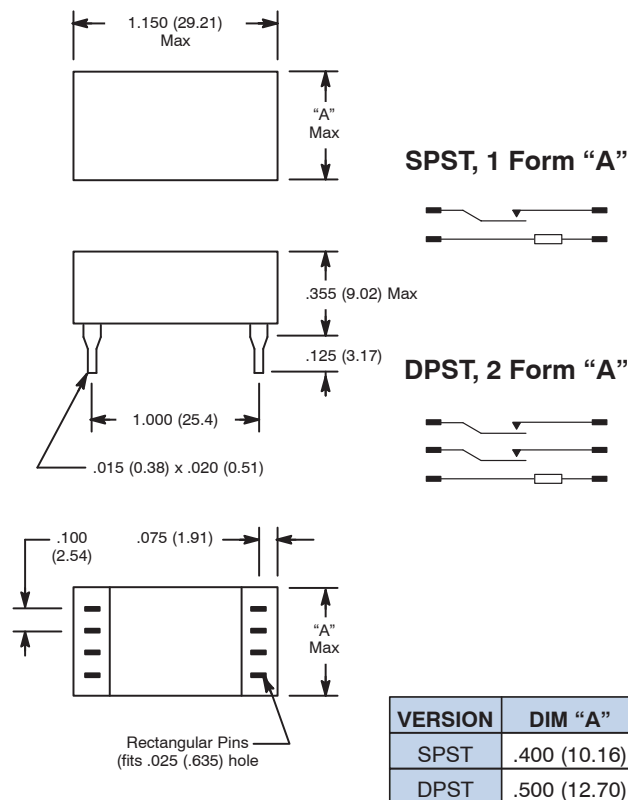
- 10 Watt Contact Rating
- Standard .1" PC Board Spacing
- Epoxy Sealed
- Magnetic Shield
- TTL & DTL Compatible



| DC OPERATED  |            |              |                      |            |              |          |
|--------------|------------|--------------|----------------------|------------|--------------|----------|
| NTE Type No. | Nom. Volt. | Contact Arr. | Coil Res. Ohms (Typ) | Nom. Power | Max. Contact | Diag No. |
| R44-1D2-6    | 5/6VDC     | SPST-NO      | 100                  | 360mW      | .5Amp        | D21      |
| R44-1D2-12   | 12VDC      | SPST-NO      | 420                  | 360mW      | .5Amp        | D21      |
| R44-1D2-24   | 24VDC      | SPST-NO      | 2300                 | 360mW      | .5Amp        | D21      |
| R44-11D2-6   | 5/6VDC     | DPST-NO      | 70                   | 510mW      | .5Amp        | D21      |
| R44-11D2-12  | 12VDC      | DPST-NO      | 280                  | 510mW      | .5Amp        | D21      |
| R44-11D2-24  | 24VDC      | DPST-NO      | 1500                 | 510mW      | .5Amp        | D21      |

## General Purpose SPST & DPST, DC Reed Relays.

### D21



## Electrical Specifications

### Contact

**Rating:** 0.5 Amp switching current max.

2.0 Amp carry current max

200 VDC switching volts, max.

**Resistance:** 200 milliohms max. initial

### Coil

**Coil Voltages:** See Chart

### Operational Characteristics

**Timing Values . . . . . Operate Time:** 500  $\mu$ S typical

**Release Time:** 1400  $\mu$ S typical

### Insulation Characteristics

**Dielectric Strength**

**Across Open Contacts:** 200 VAC min

**Between Mutually Insulated Points:** 500 VAC min.

### Environmental Characteristics

**Operating:** -45°C to +85°C

**Storage:** -60°C to +105°C

### Capacitance

**Across Open Contacts:** 0.3pf typ

**Open Contacts To Coil:** 2.0pf typ

### Life

**Mechanical:** 10,000,000 operations at rated load