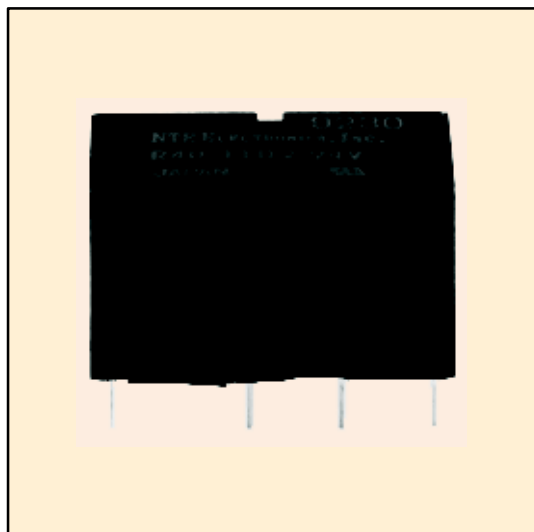
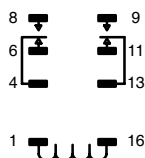


## Features

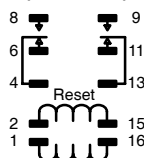
- Ultra-Sensitive Coil
- Epoxy Sealed
- Standard 0.1" DIP Terminal
- FCC Pt.68
- Dual Coil, Latching Type (C)



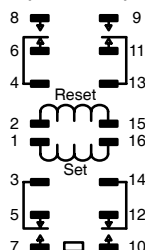
DPDT, 2 Form "C"



DPDT, 2 Form "C" (Dual Coil)



4PDT, 4 Form "C" (Dual Coil)



□ indicates mounting orientation marks.

| DC OPERATED   |              |              |                      |            |                                     |          |
|---------------|--------------|--------------|----------------------|------------|-------------------------------------|----------|
| NTE TYPE No.  | Nom. Voltage | Contact Arr. | Coil Res. Ohms (Typ) | Nom. Power | Max. Contact Cur. @ 28VDC or 120VAC | Diag No. |
| R40-11D2-5/6  | 5/6VDC       | DPDT         | 167                  | 150mW      | 2A                                  | D34      |
| R40-11D2-5/6C | 5/6VDC       | DPDT         | 140*                 | 180mW      | 2A                                  | D34a     |
| R40-11D2-12   | 12VDC        | DPDT         | 960                  | 150mW      | 2A                                  | D34      |
| R40-11D2-12C  | 12VDC        | DPDT         | 800*                 | 180mW      | 2A                                  | D34a     |
| R40-11D2-24   | 24VDC        | DPDT         | 2880                 | 200mW      | 2A                                  | D34      |
| R40-11D2-24C  | 24VDC        | DPDT         | 3200*                | 180mW      | 2A                                  | D34a     |
| R40-11D2-48   | 48VDC        | DPDT         | 7680                 | 300mW      | 2A                                  | D34      |
| R40-17D2-5/6C | 5/6VDC       | 4PDT         | 80*                  | 320mW      | 2A                                  | D34b     |
| R40-17D2-12C  | 12VDC        | 4PDT         | 450*                 | 320mW      | 2A                                  | D34b     |
| R40-17D2-24C  | 24VDC        | 4PDT         | 1800*                | 320mW      | 2A                                  | D34b     |

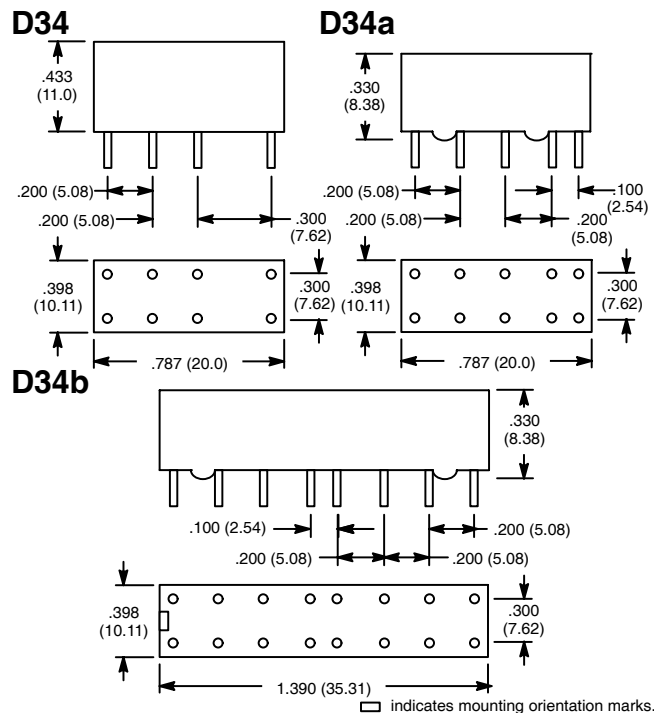
\* Each Coil.

| ACCESSORIES     |             |              |
|-----------------|-------------|--------------|
| MOUNTING STYLES | DESCRIPTION | NTE TYPE NO. |
| DIP PC Mount    | 16-Lead DIP | NTE416       |
| Wire Wrap Leads | 16-Lead DIP | NTE436W16    |

# R40 Series



**DPDT, 2 Amp, Sensitive Coil, Single Contact PC Mountable Relay for use in Telecommunications, Computer Peripherals, and Security Equipment.**



## Electrical Specifications

### Contact

**Rating:** 2 Amp @ 120 VAC, 28 VDC (Note: U.L for 1 Amp Only)  
**Contact Material:** Gold Clad Palladium Rutenium Alloy  
**Contact Resistance:** 100MΩ Max.

### Coil

**Coil Voltages:** See Chart  
**Pick-up Voltage:** 70% of rated voltage  
**Max Allowable Voltage:** 200% of rated voltage

### Operational Characteristics

**Timing Value . . . . .** **Operate Time:** 4.5 mS approx.  
**Release Time:** 1.5 mS approx.  
**Bounce Time:** 3.5 mS approx. (Non-Latching)  
50 mS approx. (Latching)  
**Set Time:** 5 mS approx. (DPDT, Latching)  
7 mS approx. (4PDT, Latching)  
**Reset Time:** 5 mS approx. (DPDT, Latching)  
7 mS approx. (4PDT, Latching)

### Insulation Characteristics

#### Dielectric Strength

**Contact To Coil:** 1000 VRMS  
**Across Open Contacts:** 1000 VRMS  
**Insulation Resistance:** 100 MΩ Min.  
@ 500 VDC

### Environmental Characteristics

**Operating:** -40°C to +65°C  
**Mechanical Life:** 20,000,000 operations min  
**Electrical Life:** 300,000 @ 2A, 30 VDC  
500,000 @ 0.5A, 120 VAC

### Weight

**Std:** 6 gram approx.