

## Features

- DPDT, 4PDT & 6PDT Versions
- Combination Solder/Plug-In Terminals
- Printed Circuit Mount Version (P-suffix)
- Bifurcated Contacts (T-suffix)
- See-Thru Plastic Cover
- Gold Overlay Bar Type Long Life Contacts



### AC OPERATED

| NTE Type No.  | Nom. Voltage | Contact Arr. | Coil Res. Ohms (Typ) | Nom. Power | Max. Contact Cur. @ 28VDC or 120VAC | Diag No. |
|---------------|--------------|--------------|----------------------|------------|-------------------------------------|----------|
| R16-11A5-115  | 120VAC       | DPDT         | —                    | 1.5VA      | 5A                                  | D12      |
| R16-17A5-115  | 120VAC       | 4PDT         | —                    | 2.5VA      | 5A                                  | D12      |
| R16-17A5-115T | 120VAC       | 4PDT         | —                    | 2.5VA      | 5A                                  | D12      |

NEW

### DC OPERATED

|                             |        |      |     |       |    |      |
|-----------------------------|--------|------|-----|-------|----|------|
| R16-11D3-12                 | 12VDC  | DPDT | 185 | 0.75W | 3A | D12  |
| R16-11D3-12P                | 12VDC  | DPDT | 185 | 1W    | 3A | D12A |
| R16-11D3-24                 | 24VDC  | DPDT | 700 | 1W    | 3A | D12  |
| R16-11D3-24P                | 24VDC  | DPDT | 700 | 1W    | 3A | D12A |
| R16-17D3-12                 | 12VDC  | 4PDT | 185 | 0.75W | 3A | D12  |
| R16-17D3-24                 | 24VDC  | 4PDT | 700 | 1W    | 3A | D12  |
| R16-11D5-5                  | 5/6VDC | DPDT | 52  | 0.5W  | 5A | D12  |
| R16-11D5-12                 | 12VDC  | DPDT | 185 | 0.75W | 5A | D12  |
| R16-11D5-24                 | 24VDC  | DPDT | 700 | 1W    | 5A | D12  |
| R16-17D5-5                  | 5/6VDC | 4PDT | 52  | 1W    | 5A | D12  |
| R16-17D5-12                 | 12VDC  | 4PDT | 185 | 1W    | 5A | D12  |
| R16-17D5-12P                | 12VDC  | 4PDT | 185 | 1W    | 5A | D12A |
| R16-17D5-24                 | 24VDC  | 4PDT | 700 | 1W    | 5A | D12  |
| R16-17D5-24P                | 24VDC  | 4PDT | 700 | 1W    | 5A | D12A |
| R16-23D5-12 (RLY2572 Note1) | 12VDC  | 6PDT | 90  | 1W    | 5A | D12  |
| R16-23D5-24 (RLY2573 Note2) | 24VDC  | 6PDT | 430 | 1W    | 5A | D12  |

Note 1. R16-23D5-12 and RLY2572 are exact equivalents and may be received with either device number on the package.

Note 2. R16-23D5-24 and RLY2573 are exact equivalents and may be received with either device number on the package.

### ACCESSORIES

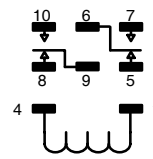
| MOUNTING STYLES                   | DESCRIPTION                                                                                  | NTE TYPE NO.                                                   |
|-----------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| PANEL MOUNT (DPDT) (4PDT) (6PDT)  | 10-PIN BLADE<br>16-PIN BLADE<br>22-PIN BLADE                                                 | R95-103<br>R95-109<br>RLY9134                                  |
| FLANGE MOUNT (DPDT) (4PDT) (6PDT) | 10-PIN BLADE<br>16-PIN BLADE<br>22-PIN BLADE                                                 | RLY9173<br>RLY9174<br>RLY9175                                  |
| PC MOUNT (DPDT) (4PDT) (6PDT)     | 10-PIN BLADE<br>10-PIN BLADE<br>16-PIN BLADE<br>16-PIN BLADE<br>22-PIN BLADE<br>22-PIN BLADE | R95-102<br>RLY9170<br>R95-108<br>RLY9171<br>RLY9135<br>RLY9172 |

# R16 Series

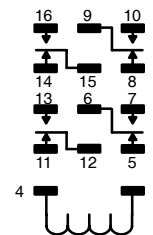


## Miniature Industrial 3 Amp & 5 Amp AC & DC Relays.

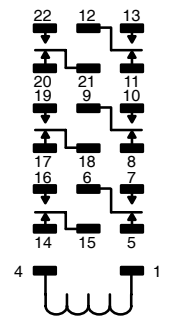
DPDT, 2 Form "C"



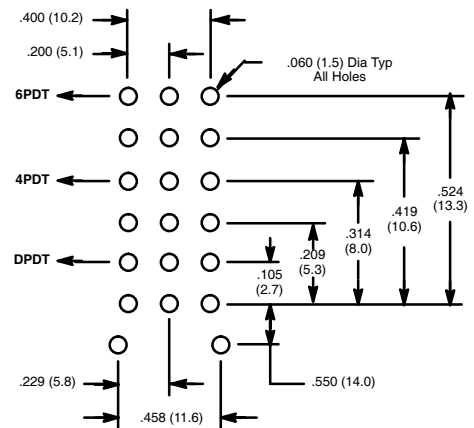
4PDT, 4 Form "C"



6PDT, 6 Form "C"



### Suggested Circuit Board Layout



## Electrical Specifications

### Contact

**Contact Rating:** See chart (Note: U.L. for 3 Amp Only)

**Contact Material:** Silver, gold alloy and gold overlay

**Contact Resistance:** 0.050 Max. initial

### Coil

**Coil Voltages:** See Chart

**Pick-up Voltage:** 80% of nominal or less

**Resistance:** See chart

### Operational Characteristics

Timing Values . . . . . Operate Time: DPDT-12 mS,  
4PDT -14 mS or less } at nominal  
Release Time: 8 mS or less } coil voltage

### Insulation Characteristics

#### Dielectric Strength

**Contact To Coil:** 1500 VRMS

**Across Open Contacts:** 500 VRMS

**Coil To Frame:** 1000 VRMS

**Insulation Resistance:** 1000 megohms  
at 25°C and 50% RH

### Environmental Characteristics

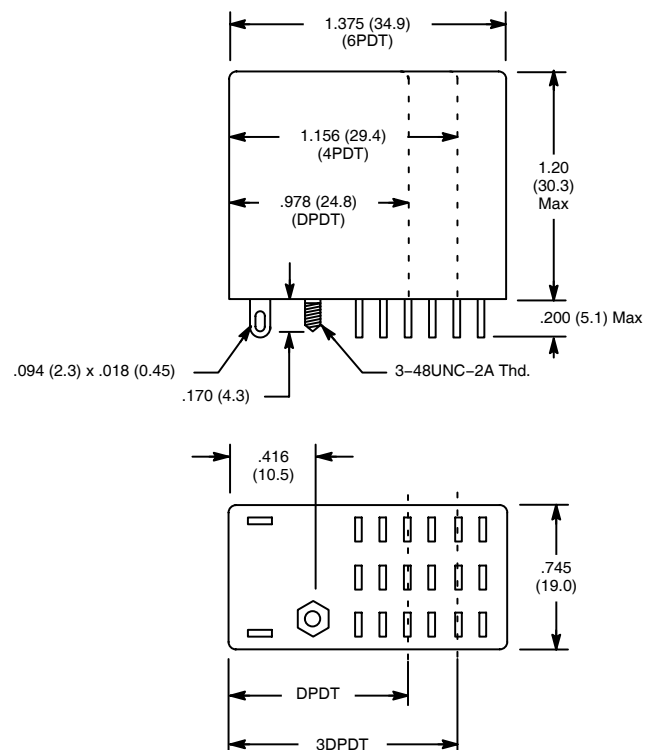
**Operating:** -55°C to +70°C, 10 sec. max

**Solder-bath:** 525°F (260°C) approx.

### Weight

**Std:** 0.8 to 1.4 oz (22 to 40 grams) approx.

## D12



## D12A

