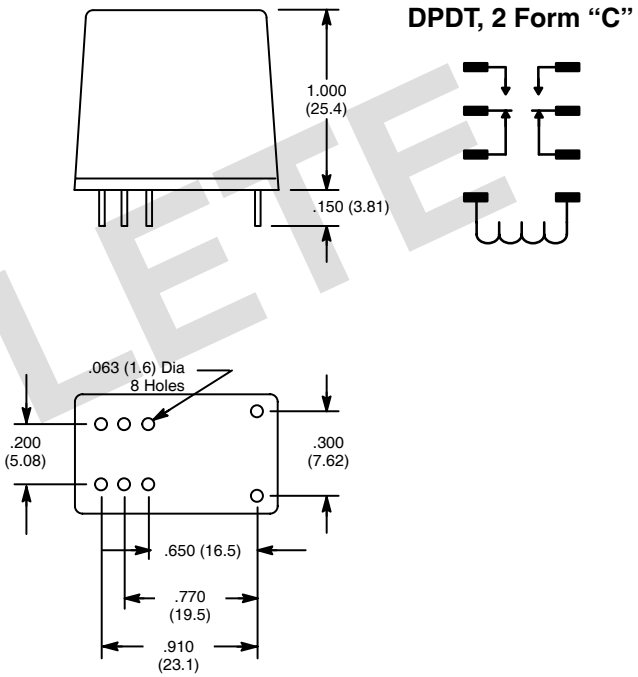
## Features

- Designed for Continuous Duty Operation
- Dust Proof Cover
- Requires Minimal PC Board Area
- Switches Heavy Current with Low Coil Power

# R20 Series

## General Purpose, 8 Amp DPDT DC Printed Circuit Mount Relay.

### D14




OBSOLETE

| DC OPERATED | | | | | | |
|---|---|---|---|---|---|---|
| NTE Type No. | Nom. Voltage | Contact Arr. | Coil Res. Ohms (Typ) | Nom. Power | Max. Contact Cur. @ 28VDC or 120VAC | Diag No. |
| R20–11D6–6 | 4.5/5VDC | DPDT | 25 | 800mW | 8A | D14 |
| R20–11D6–12 | 12VDC | DPDT | 170 | 800mW | 8A | D14 |
| R20–11D6–24 | 24VDC | DPDT | 1098 | 800mW | 8A | D14 |

## Electrical Specifications

### Contact

**Rating:** 8 Amp @ 120/250 VAC, 8 Amp 30 VDC
1/6 HP @ 120 VAC
**Contact Material:** Silver cadmium oxide, gold flashed
**Contact Resistance:** 0.05 Ohms Max. initial

### Coil

**Coil Voltages:** See Chart
**Pick–up Voltage:** 80% of nominal or less @ 25°C
**Drop–out Voltage:** 10% of actual pull–in (min)
**Resistance:** See chart

### Operational Characteristics

**Timing Value . . . . . .** **Operate Time:** Approx 10 mS
**Release Time:** Approx 8 mS
**Max Switching Rate:** 5 operations per second

### Insulation Characteristics

**Dielectric Strength**
**Contact To Coil:** 1500 VRMS
**Contact To Frame:** 1500 VRMS
**Across Open Contacts:** 500 VRMS
**Coil To Frame:** 1000 VRMS
**Insulation Resistance:** 1000 megohms Min. @ 500 VDC

### Environmental Characteristics

**Operating:** –45°C to +75°C
**Mechanical Life:** 5,000,000 operations min

### Weight

**Std:** 14.2 gram approx.