#### **Features**

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



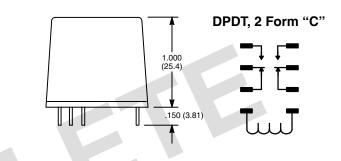
DC OPERATED						
NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Cur. @ 28VDC or 120VAC	Diag No.
R20-11D6-6	4.5/5VDC	DPDT	25	800mW	8A	D14
R20-11D6-12	12VDC	DPDT	170	800mW	8A	D14
R20-11D6-24	24VDC	DPDT	1098	800mW	8A	D14

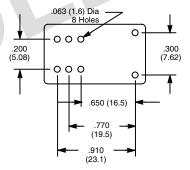
# **R20 Series**



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

### **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:**  $-45^{\circ}$ C to  $+75^{\circ}$ C

Mechanical Life: 5,000,000 operations min

Weight

Std: 14.2 gram approx.