

# PC Mount Relays

## R23 Series



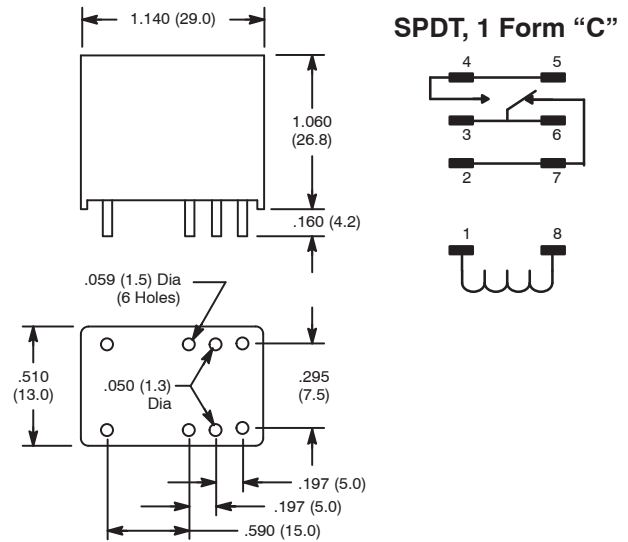
## Miniature, 20 Amp, SPDT, DC Power, Printed Circuit Mount Relays

### Features

- Low Cost
- Epoxy Sealed
- Class B Insulation



### D82



Terminal No.	Dimensions (Tol.: ±0.005 (0.13))
1, 2, 4, 5, 7, 8	0.018 (0.457) x 0.038 (0.965)
3, 6	0.011 (0.279) x 0.038 (0.965)

## Electrical Specifications

### Contact

**Rating:** 20 Amp @ 277 VAC/24 VDC, 1 HP @ 240 VAC

**Contact Material:** Silver cadmium oxide

**Contact Resistance:** 50 Milliohms Max. initial

### Coil

**Coil Voltages:** See Chart

**Drop-out Voltage:** Greater than 10% of nominal coil voltage

**Resistance:** See Chart

### Operational Characteristics

Timing Value . . . . . Operate Time: Approx 8 mS } at nominal  
 Release Time: Approx 5 mS } coil voltage

### Insulation Characteristics

#### Dielectric Strength

**Contact To Coil:** 5000 VRMS  
**Across Open Contacts:** 1000 VRMS  
**Insulation Resistance:** 100 megohms Min.  
 @ 500 VDC, 50% RH

### Environmental Characteristics

**Operating:** -40°C to +90°C

**Mechanical Life:** 50,000,000 operations min

### Weight

**Std:** 18.5 gram approx.

### DC OPERATED

NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Cur. @ 24VDC or 277VAC	Diag No.
R23-5D20-6	6VDC	SPDT	69	270mW	20A	D82
R23-5D20-12	12VDC	SPDT	275	270mW	20A	D82
R23-5D20-24	24VDC	SPDT	1100	270mW	20A	D82

### ACCESSORIES

MOUNTING STYLES	DESCRIPTION	NTE TYPE NO.
PC MOUNT	8-PIN BLADE	R95-132