

# PC Mount Relays

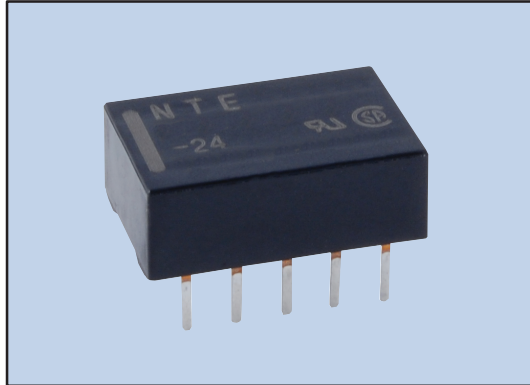
## R74 Series



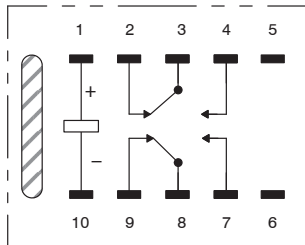
## Subminiature, PC Mount, 1 Amp, DPDT Low Signal Relay.

### Features

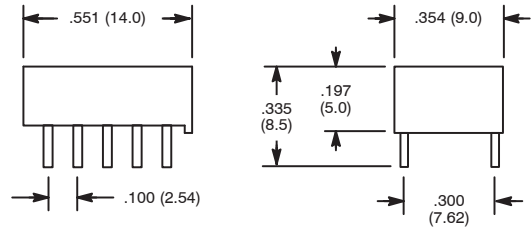
- Compact, with Low 5mm (.197") Profile
- Low Power Consumption (140mW)
- Standard Pin Spacing (0.1")
- PC Board Mount
- Surface Mount ("SM" Suffix)



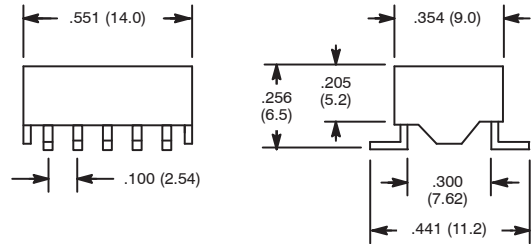
DPDT, 2 Form "C"  
(Bottom View)



### D52



### D53



## Electrical Specifications

### Contact

**Rating:** 1 Amp  
**Material:** Ag (Au clad)  
**Resistance:** 50mΩ (Standard), 60mΩ (Surface Mount)

### Coil

**Coil Voltages:** See Chart  
**Pick-up Voltages:** 75% max of rated voltage  
**Drop-out Voltages:** 10% min of rated voltage  
**Resistance:** See Chart

### Operational Characteristics

**Timing Value:** . . . . . **Operate Time:** 3 mS max  
**Release Time:** 2 mS max

### Insulation Characteristics

**Dielectric Strength**  
**Between Contact and Coil:** 1000 VAC  
**Between Contacts (Same Polarity):** 1000 VAC  
**Between Contacts (Different Polarity):** 750 VAC  
**Insulation Resistance:** 1000MΩ

### Environmental Characteristics

**Operating:** -40°C to +70°C (Standard),  
-40°C to +85°C (Surface Mount)

### Life

**Mechanical:** 36,000 operations/hour  
**Electrical:** 1,800 operations/hour (under rated load)

### Weight

**Std:** 0.05 oz (1.5 grams) approx.

DC OPERATED						
NTE Type No.	Nom. Volt.	Contact Arr.	Coil Res. ±10% Ohms (Typ)	Approx. Nom. Power	Max. Contact Cur. @ 30VDC	Diag No.
R74-11D1-3	3VDC	DPDT	64.3	140mW	1A	D52
R74-11D1-3SM	3VDC	DPDT	64.3	140mW	1A	D53
R74-11D1-5	5VDC	DPDT	178	140mW	1A	D52
R74-11D1-5SM	5VDC	DPDT	178	140mW	1A	D53
R74-11D1-6	6VDC	DPDT	257	140mW	1A	D52
R74-11D1-6SM	6VDC	DPDT	257	140mW	1A	D53
R74-11D1-12	12VDC	DPDT	1,028	140mW	1A	D52
R74-11D1-12SM	12VDC	DPDT	1,028	140mW	1A	D53
R74-11D1-24	24VDC	DPDT	2,880	200mW	1A	D52
R74-11D1-24SM	24VDC	DPDT	2,880	200mW	1A	D53

ACCESSORIES		
MOUNTING STYLES	DESCRIPTION	NTE TYPE NO.
PC MOUNT	10-PIN DIP	NTE409 (14-Pin DIP)