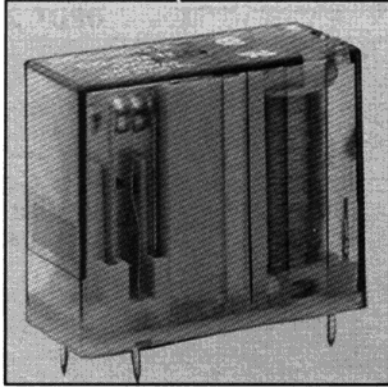


**Features**

- Sealed construction
- Long life
- Small size
- Low coil power
- PC board mount
- TV-5 type power relay

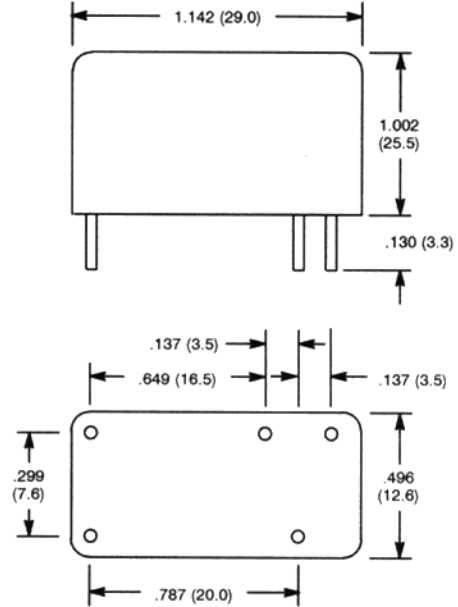


# R22 Series

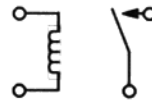


## Slim line 16 Amp SPST-NO & SPDT Relays Designed for use in TV's, Door Openers, & Security Systems

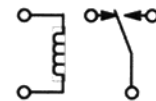
D51



SPST-NO, 1 Form "A"



SPDT, 1 Form "C"



## Electrical Specifications

**Contact**

**Rating:** 12 Amp (Continuous, Note 2) @ 250 VAC  
**Contact Material:** AgCdo  
**Contact Resistance:** 100MΩ Max.

Note 2. Continuous contact current is defined as the maximum current a relay contact may carry continuously without exceeding temperature limits.

**Coil**

**Coil Voltages:** See Chart  
**Pick-up Voltage:** 80% of rated voltage  
**Drop-out Voltage:** 5% of rated voltage  
**Max Allowable Voltage:** 110% of rated voltage

**Operational Characteristics**

**Timing Value . . . . . Operate Time:** 30 mS Max  
**Release Time:** 8 mS Max

**Insulation Characteristics**

**Dielectric Strength**

**Contact To Coil:** 500 VRMS (1 Min)  
**Across Open Contacts:** 1000 VRMS (1 Min)  
**Insulation Resistance:** 100 MΩ Min.  
 @ 500 VDC

**Environmental Characteristics**

**Operating:** -30°C to +70°C  
**Mechanical Life:** 10,000,000 operations min

**Weight**

**Std:** 13 gram approx.

DC OPERATED						
NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Make Cur. @ 30VDC or 120VAC (Note 1)	Diag No.
R22-1D16-3	3VDC	SPST-NO	12.5	720mW	16A	D51
R22-1D16-5/6	5/6VDC	SPST-NO	47	540mW	16A	D51
R22-1D16-12	12VDC	SPST-NO	270	540mW	16A	D51
R22-1D16-24	24VDC	SPST-NO	1100	540mW	16A	D51
R22-1D16-48	48VDC	SPST-NO	4400	540mW	16A	D51
<b>NEW</b> R22-5D16-3	3VDC	SPDT	12.5	720mW	16A	D51
R22-5D16-5/6	5/6VDC	SPDT	47	540mW	16A	D51
R22-5D16-12	12VDC	SPDT	270	540mW	16A	D51
R22-5D16-24	24VDC	SPDT	1100	540mW	16A	D51
R22-5D16-48	48VDC	SPDT	4400	540mW	16A	D51

Note 1. The maximum contact make current is defined as the maximum permitted current for 4 seconds duration with 10% duty cycle immediately after contact closure.