

PC Mount Relays

R48 Series

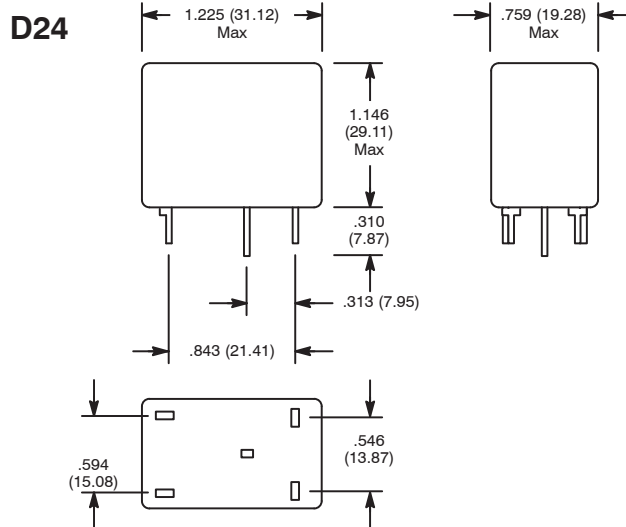


Features

- PC Mountable
- Only 1.1 Cubic Inches
- Long Life
- Low Power Coil Types (L-suffix)



Miniature, General Purpose, 5 Amp & 10 Amp, DC, SPDT Relays for TV Remote Control, Burglar Alarms, Timers, Garage Door Openers.



All terminals are .056 (1.42) x .025 (0.64)
Recommended PC Board holes are .067 (1.7) Dia.

Electrical Specifications

Contact

Rating: 5 Amp 120/240 VAC
10 Amp 28 VDC resistive load
Material: Silver, gold plated
(R48-5D5-12L, R48-5D5-24L, R48-5D10-24)
Silver alloy
(R48-5D5-6L, R48-5D10-6, R48-5D10-12)

Coil

Coil Voltages: See Chart
Pick-up Voltages: 80% of nominal Coil Vltg.
Drop-out Voltages: 10% of actual pick-up (min.)
Resistance: See Chart

Operational Characteristics

Timing Value **Operate Time:** 25 mS
Release Time: 3 mS typ.

Insulation Characteristics

Dielectric Strength
Contact To Coil Voltages: 1500 VRMS
Across Open Contacts: 500 VRMS
Coil To Frame: 1500 VRMS
Resistance: 1000 megohms min.
@ 500 VDC

Environmental Characteristics

Operating: -55°C to +85°C
Soldering: 270°C (518°) max

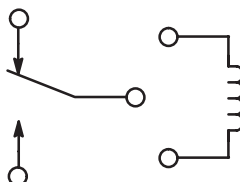
Life

Mechanical: 10,000,000 operations

Weight

Std: 1.5 oz (42 grams) approx

SPDT, 1 Form "C"



DC OPERATED						
NTE Type No.	Nom. Volt.	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Cur. @ 28VDC or 120VAC	Diag No.
R48-5D5-6L	5/6VDC	SPDT	340	110mW	5A	D24
R48-5D5-12L	12VDC	SPDT	1350	100mW	5A	D24
R48-5D5-24L	24VDC	SPDT	5400	100mW	5A	D24
R48-5D10-6	5VDC	SPDT	100	110mW	10A	D24
R48-5D10-12	12VDC	SPDT	600	110mW	10A	D24
R48-5D10-24	24VDC	SPDT	2400	250mW	10A	D24