

# 67TD Series - Miniature Time Delay Relays

## DPDT, 4PDT, 5 Amp

When small size is a requirement 67 series relays fit where others won't. The miniature ice cube timers are capable of handling up to 5 amps. Typical configuration is DPDT on delay. Four pole versions are available. Time adjustments are through a recessed potentiometer. No exposed adjustment knob to bump.

### GENERAL SPECIFICATIONS (@ 25° C)

#### Timing:

Functions Available	On-delay
Time Range	Up to 450 seconds
Timing Adjustment	Recessed potentiometer
Timing Repeatability (Constant voltage and temperature)	2%
Reset Time maximum	150mS
Input Pulse Length minimum	N/A

#### Contacts:

Contact Configuration	DPDT, 4PDT
Contact Material	Silver Alloy
Contact Rating	5 Amp @ 120VAC
120 / 240VAC Resistive	5 Amp
28VDC Resistive	1/3Hp
Motor 120VAC	1/2Hp
Motor 240VAC	500mW
Minimum Contact Load	100 milliohms max @ 6VDC, 1A
Contact Resistance, Initial	

#### Coil:

Coils Available	DC
Nominal Coil Power	1.1W
Input Voltage Tolerance -AC	N/A
Input Voltage Tolerance -DC	80% to 110% of nominal
Transient Protection	Yes
Reverse Polarity Protection	Yes
Duty	Continuous

#### Dielectric Strength:

Across Open Contacts	500Vrms
Between Mutually Insulated Points	1500Vrms
Insulation Resistance	1,000 Mohms min @ 500VDC

#### Temperature:

Operating	-20 to 70°C (-4 to 158°F)
Storage	-40 to 105°C (-40 to 221°F)

#### Life Expectancy:

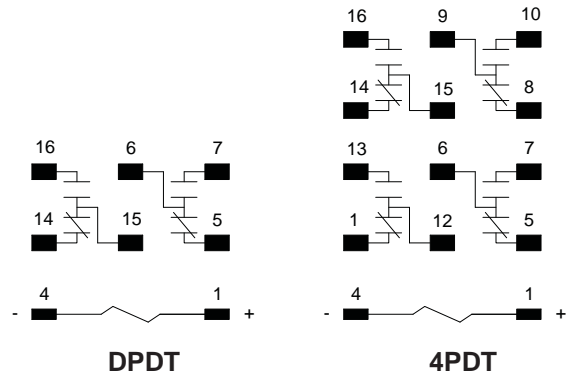
Electrical (full load operations)	100,000
Mechanical (no load operations)	10,000,000

#### Miscellaneous:

Mounting Position	Any
Mating Socket	2 Pole = SK-REC22-PW 4 Pole = SK-REC28-PW
Accessories	Hold down clip included w/ socket
Enclosure	Clear Polycarbonate
Weight	1.4oz (40 grams)



67TD Wire Diagram

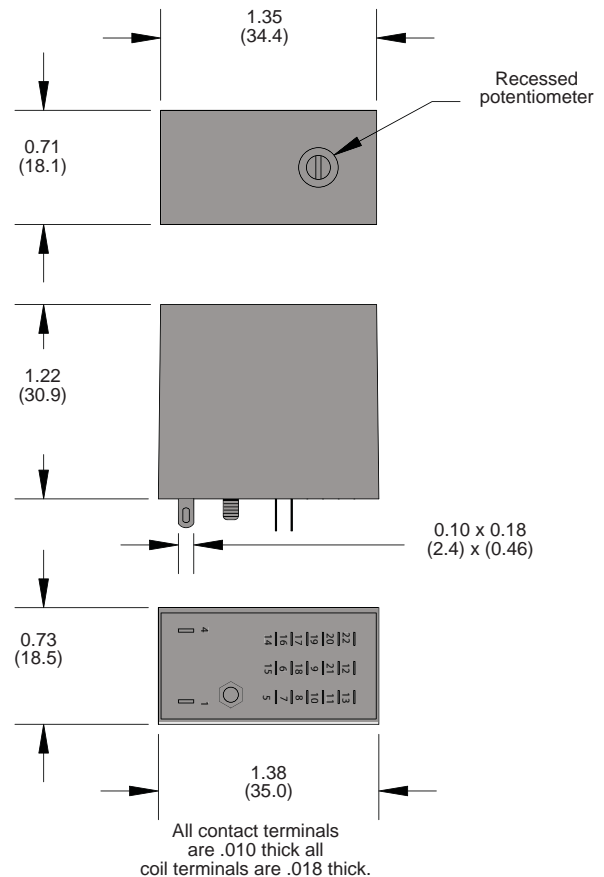
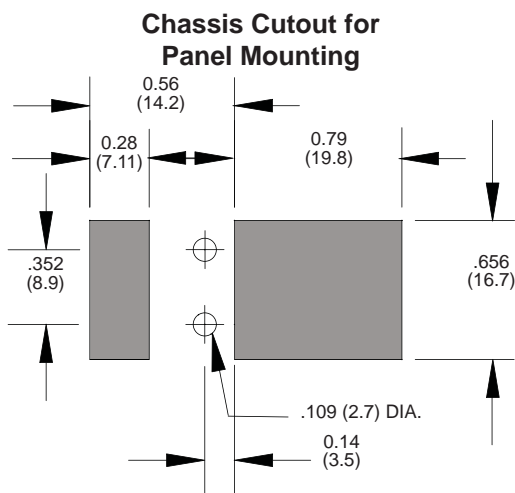


# Timer / Sensor - Time Delay & Sensor Relays

## 5 - 25 Amp

### Outline Dimensions

Dimensions Shown in inches & (millimeters)



Section 7

### 67TD Part Number Chart

Part number	Nominal input Voltage	Timing range
On delay		
67CPSOX-1	12VDC	0.1 to 30 seconds
67CPSOX-2	24VDC	0.1 to 30 seconds