



H36F



Feature

- 1. Profile size: 24.5(L)x10.5(W)x25(H)mm**
- 2. Switching Capacity: 10A 30VDC/250VAC**
- 3. TV-5 rating Approved; Inrush current can reach 80A**

Typical applications

- ◆HVAC ◆Home Appliances
- ◆Power system ◆Industrial control

Reference cross: JZC-36F SDT-R SMA LK G5PA



Specifications

◆ Contact Ratings

Number of poles	1 Pole	
Arrangement	1 Form A, 1 Form C	
Initial contact resistance, max.(by voltage drop 6VDC/1A)	50m Ω	
Contact material	Silver alloy	
Rating (resistive load)	Nominal switching capacity	10A 250VAC 10A 30VDC TV-5 125VAC
	Max. switching power	2500VA/300W
	Max. switching voltage	250VAC
	Max. switching current	10A
Expected life (min.operations)	Mechanical (at 300cpm)	1×10^7
	Electrical (resistive load)	1×10^5

◆ Coil data(Special coil power available)

1、Standard				
Rated voltage (VDC)	5	9	12	24
Rated current (mA)	108	60	45	22.5
Coil resistance (Ω) $\pm$ 10%	46	150	267	1066
Must operate voltage	75% max. of rated voltage			
Must release voltage	5% min. of rated voltage			
Max voltage	130% of rated voltage			
Power consumption	0.54W	0.54W	0.54W	0.54W

◆ Characteristics

Item	1 pole	
Initial insulation resistance	Min.100 M Ω (at 500VDC)	
Dielectric strength	Between open contacts	1000VAC 1 Min.
	Between coil and contacts	4000VAC 1 Min.
Operate time (at nominal voltage)	10ms	
Release time (at nominal voltage)	5ms	
Temperature rise (at nominal voltage)	40K max. (at 20℃)	
Shock resistance	Functional	100 m/ S ²
	Destructive	1000 m/ S ²
Vibration resistance	Functional	10 to 55Hz, at double amplitude 1.5mm
	Destructive	



安徽天仁集团精密电子有限公司

Mid-Range Power Relay--H36F

Anhui Tianren Electronics Co., Ltd.

Ambient temperature	-40℃～+85℃
Humidity	45% to 85% RH
Termination	PCB
Unit weight	Approx. 11g

Ordering information

H36F—1 X D X

1 2 3 4

1. Product type: H36F

2. Coil Voltage

05—5VDC 09—9VDC 12—12VDC 24—24VDC

3. Contact arrangement

Blank—1 Form C M—1 Form A

Note: Any special requests, please contact us.



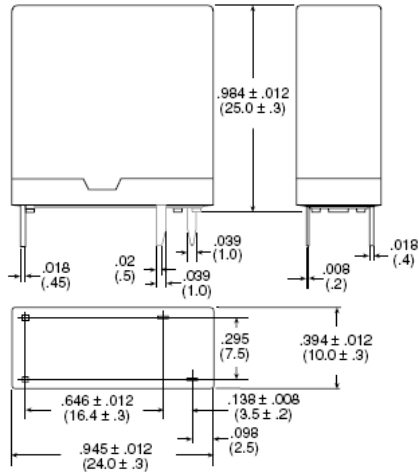
安徽天仁集团精密电子有限公司

Mid-Range Power Relay--H36F
Anhui Tianren Electronics Co., Ltd.

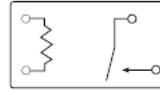
Outline Dimensions, PCB Layout and Wiring Diagram

(Dimensions are in millimeters in bracket)

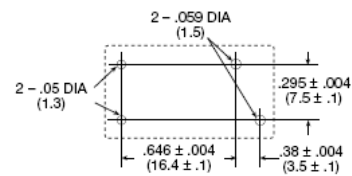
Outline Dimensions



Wiring Diagram (Bottom View)

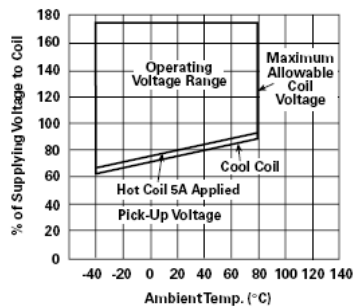


PC Board Layout (Bottom View)

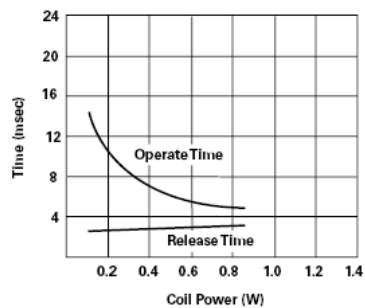


Reference Data

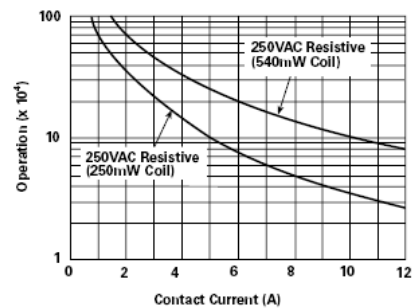
Operating Voltage (SDT-LMR)



Operate Time



Life Expectancy



Note: This data is based on the max. allowable temperature for E type insulation coil (115°C).