

HF 3503 (JA3503)

DELAYING RELAY



Typical Applications

Delaying control of lamp, Oil pump & radiator

Features

- Solid base design, stable structure
- Maturing circuit, stable and reliable performances
- Surface mounting technology, advanced craftwork
- Cover copperplates on both sides to assure large current through

CHARACTERISTICS

Norminal voltage	12VDC
Operating voltage range	9VDC to 16VDC
Contact rating	Resistive: 40A 13.5VDC
	Motor: Inrush 100A, Stable 20A
Delaying time ¹⁾	2s ± 0.5s
Operate voltage	9.0VDC max.
Release voltage	1.2VDC min.

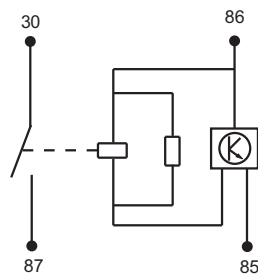
Electrical endurance	1×10 ⁵ OPS (at nomi. vol.)
Ambient temperature	-40°C to 85°C
Vibration resistance	10Hz to 200Hz 49m/s ²
Shock resistance	196m/s ²
Weight	Approx. 40g
Mechanical data	Cover retention: 250N min.
	Terminal retention: 100N min.

1) When demand of time delay is different from above, please contact Hongfa for more technology support.

OUTLINE DIMENSIONS AND WIRING DIAGRAM

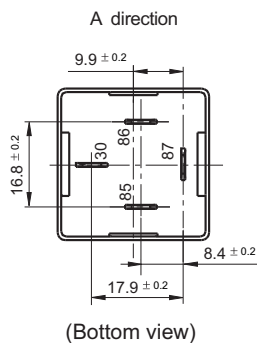
Unit: mm

Wiring Diagram

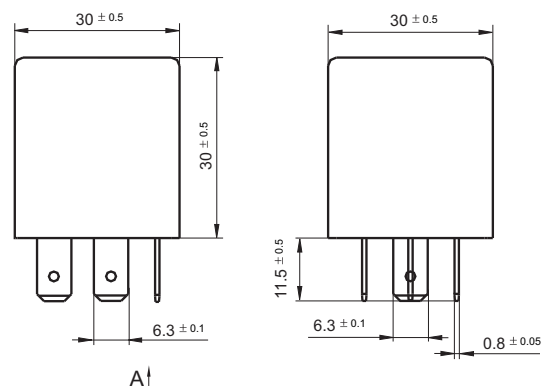


1. As shown in left wiring diagram, for HF3503, terminal 86 is connected with anode of 12VDC, terminal 85 with cathode of battery, and terminal 30 with anode of electric power, terminal 87 with load.
2. When terminal 86 is powered with 12VDC, after 2s ± 0.5s time delay, electromagnetic relay runs, making terminal 30 and 87 close.

Terminal Layout



Outline Dimensions



HONGFA RELAY

ISO9001, ISO/TS16949, ISO14001, OHSAS18001, IECQ QC 080000 CERTIFIED

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