HF3506/ HF3506A FLASHER

Features

- Surface mounting technology, advanced craftwork
- Solid base design, stable structure
- Ingress protection: IP52
- Double output

Typical Applications

Turn signal & Hazard warning lamp control

TYPE

Type	Nominal voltage VDC	Operating voltage range VDC	Nominal lamp load W	Control mode
HF3506/12-L	12	10 to16	2 x 21+5	with IG function
HF3506A/12-G	12	10 to16	2 x 21+5	without IG function

CHARACTERISTICS

Flash frequency		(60 to 110)OPS / min
Lamp failure flash frequency		(140 to 230)OPS / min
Duty Cycle		30% to 70%
Electrical endurance		1000h(15s on,15s off, rate load)
		360h(continuous, alarming)
Internal voltage drop		500mV（5A） max.
Ambient temperature		-40℃ to 85℃
Vibration resistance		10Hz to 200Hz , 49m/s^2
Shock resistance		196m/s^2
Unit weight		Approx. 35g
Mechanical performance	Cover retention	160N min.
	Terminal retention	100N min.

ORDERING INFORMATION

	HF3506 / HF3506A/	12	-G	-B	(XXX)
Type	Suffix (A-Z) is for specific extending application				
Nominal voltage	**12**: 12VDC				
Trigger level	**G**: High level start up **L**: Low level start up				
Mounting mode	**B:** With bracket **Nil:** Without bracket				
Customer special code					

HONGFA RELAY

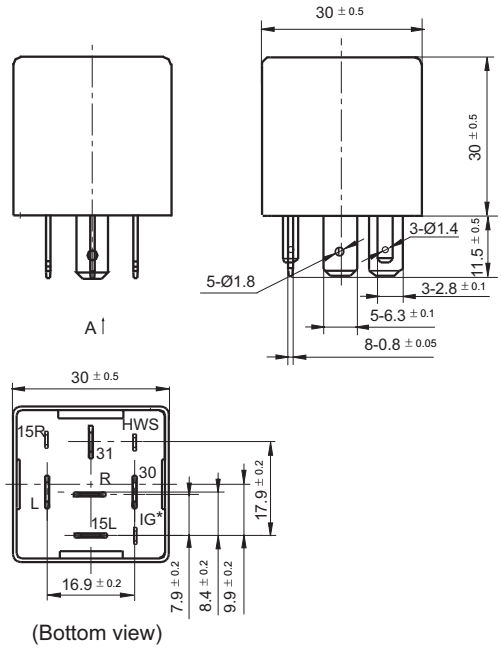
ISO9001, ISO/TS16949 , ISO14001, OHSAS18001, IECQ QC 080000 CERTIFIED 2012 Rev. 1.01

OUTLINE DIMENSIONS, WIRING DIAGRAM

Unit: mm

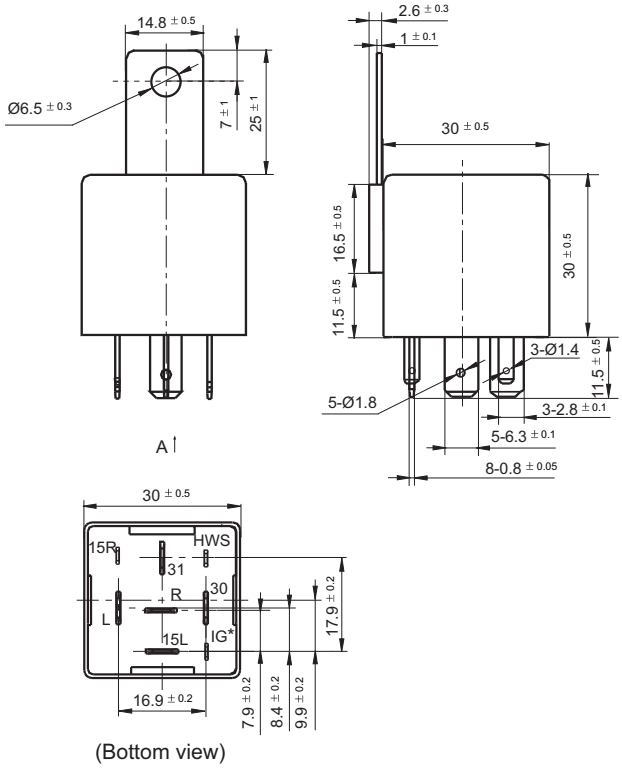
OUTLINE DIMENSIONS

HF3506/□□-□(XXX)



(Bottom view)

HF3506/□□-□-B(XXX)

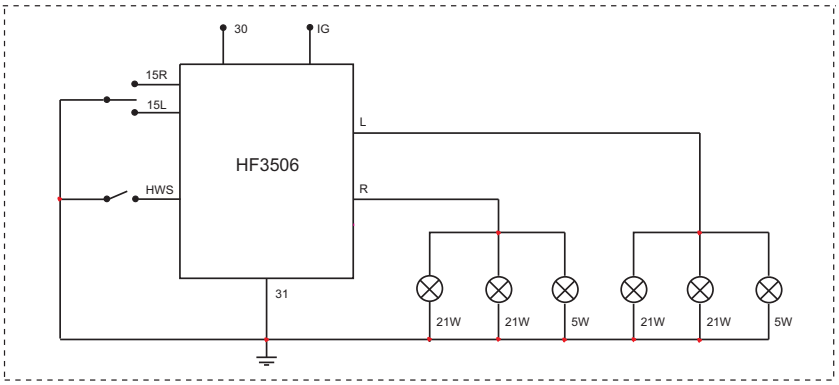


(Bottom view)

Remark: * There is no IG terminal for HF3506A.

WIRING DIAGRAM

HF3506



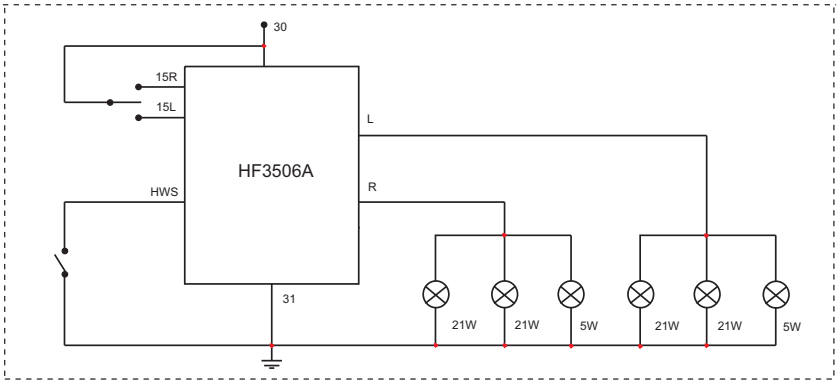
As shown in wiring diagram, the terminal 30 is connected with positive electrode of power supply . The 31 terminal is connected with negative electrode of power supply, the IG terminal is connected with IG power supply, 15R is connected with turn right lamp switch (active low), 15L is connected with turn left lamp switch (active low), HWS terminal is connected with hazard warming switch (active low), R terminal is connected with turn right lamp load, L terminal is connected with turn left lamp load, When load is 2 x 21W + 5W or 4 x 21W + 2 x 5W, the flasher will control lamp to flash by the frequency of (60 to 110) times per minutes. When load is 1 x 21W + 5W (one lamp of 21W is broken down), the flasher will control lamp to flash by frequency of (140 to 230) times per minutes.

OUTLINE DIMENSIONS, WIRING DIAGRAM

Unit: mm

WIRING DIAGRAM

HF3506A



As shown in wiring diagram, the terminal 30 is connected with positive electrode of power supply . The 31 terminal is connected with negative electrode of power supply, 15R is connected with turn right lamp switch (active high), 15L is connected with turn left lamp switch (active high), HWS terminal is connected with hazard warming switch (active low), R terminal is connected with turn right lamp load, L terminal is connected with turn left lamp load, When load is 2 x 21W + 5W or 4 x 21W + 2 x 5W, the flasher will control lamp to flash by the frequency of (60 to 110) times per minutes. When load is 1 x 21W + 5W (one lamp of 21W is broken down), the flasher will control lamp to flash by frequency of (140 to 230) times per minutes.