

JQC-3FF-M**AUTOMOTIVE RELAY****Typical Applications**

Anti-theft lock, Central door lock

Features

- Extremely low cost, 15A/14VDC
- SPST-NO & SPDT configuration
- Subminiature, standard PCB layout
- Sealed IP67 & flux free types available

CONTACT DATA

Contact Arrangement	1A
Initial Contact Resistance Max.	100mΩ(at 1A 6VDC)
Contact Material	Silver Alloy
Contact Rating (Res. Load)	15A 14VDC
Max. switching voltage	277VAC/30VDC
Max. switching current	15A
Max. switching power	2770VA 240W
Mechanical life	1 x 10 ⁷ ops
Electrical life	5x 10 ⁴ ops

COIL

Coil power	0.45W
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COIL DATA

Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC(at 25°C)	Coil Resistance Ω
9	6.75	0.9	10.8	180 ± 10%
12	9.00	1.2	14.4	320 ± 10%
24	18.0	2.4	28.8	1280 ± 10%

CHARACTERISTICS

Initial Insulation Resistance	100MΩ ,500VDC	
Dielectric Strength	Between coil and contacts	500VAC, 1min
	Between open contacts	500VAC, 1min
Operate time (at nomi. Volt.)	Max. 10ms	
Release time (at nomi. Volt.)	Max. 5ms	
Temperature rise (at nomi. Volt.)	Max. 60°C	
Shock Resistance	Functional	98 m/s ² (10g)
	Destructive	980 m/s ² (100g)
Vibration Resistance	1.5mm, 10 to 55Hz	
Humidity	35% to 85%RH	
Ambient temperature	-40°C to +85°C	
Termination	PCB	
Unit weight	Approx. 10g	
Construction	Sealed IP67 & Flux free	



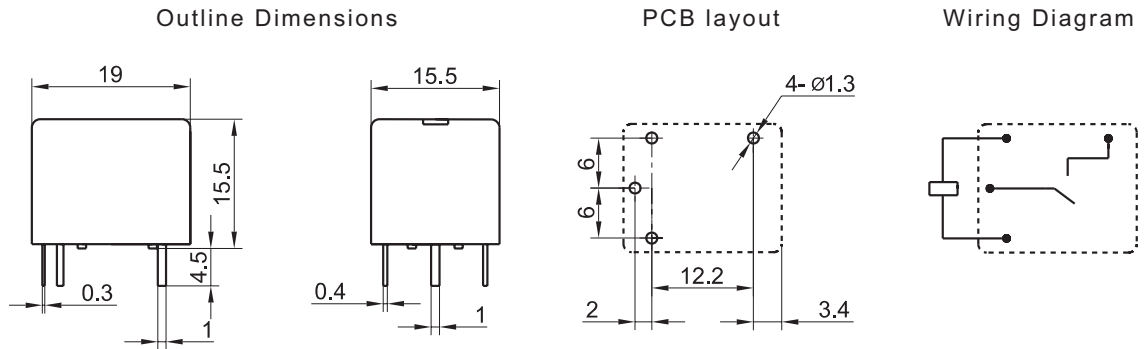
HONGFA RELAY
ISO9001、ISO/TS16949、ISO14001 CERTIFIED

VERSION: EN02-20040601

ORDERING INFORMATION

	JQC-3FF-M /	012	1H	S	XXX
Type					
Coil voltage	9, 12, 24VDC				
Contact arrangement	1H:1 Form A (SPST-NO) 1Z:1 Form C (SPDT)				
Structure	S: Sealed IP67 Nil: Flux free				
Customer special request code:					

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT



CHARACTERISTICS CURVE

