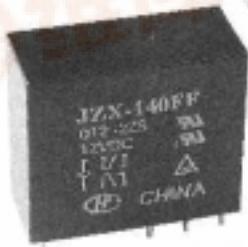


HONGFA RELAY**MINIATURE POWER RELAY**

Double-Pole, 10A, PC Board

JZX-140FF

- 10A switching capabilities
- DPST-NO and DPDT configurations
- 5KV dielectric between coil to contacts
- Sealed & Unsealed types available
- UL&CUR file NO: E133481
- TÜV file No. R9659298

■ CONTACT DATA

Arrangement	DPST-NO, DPDT
Initial Contact Resistance	50mΩ
Max. (at 1A 24VDC)	
Contact Material	Silver alloy
Contact Rating	5A 220VAC/30VDC
Max. switching voltage	250VAC/30VDC
Max. switching current	10A
Max. switching power	2200VA/300W
UL/CUR rating	10A 250VAC 8A 30VDC 10A 30VDC (5x10 ⁴) TV3 - 125VAC
TÜV rating	5A 250VAC/30VDC
Expected operations	Mechanical 1X10 ⁷ Electrical 1X10 ⁵

■ SPECIFICATION

Initial Insulation Resistance	1000MΩ, 500VDC
Dielectric Strength	
Between coil and Contacts	5000VAC, 1minute
Between contacts sets	3000VAC, 1minute
Between open contacts	1000VAC, 1minute
Surge Voltage between	
Contacts and coil	10000V
Operate time (at nomi. Vol.)	15ms
Release time (at nomi. Vol.)	5ms
Humidity	98%, +40°C
Ambient temperature	-40 to +70°C
Shock	Functional 100m/s ²
Resistance	Destructive 1000m/s ²
Vibration Resistance	1.5mm, 10 to 55Hz
Termination	PCB
Unit weight	Approx. 18g
Dimensions (mm)	29x13x25.5
Construction	Sealed and Unsealed

■ COIL

Nominal coil power	0.55W
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■ TABLE

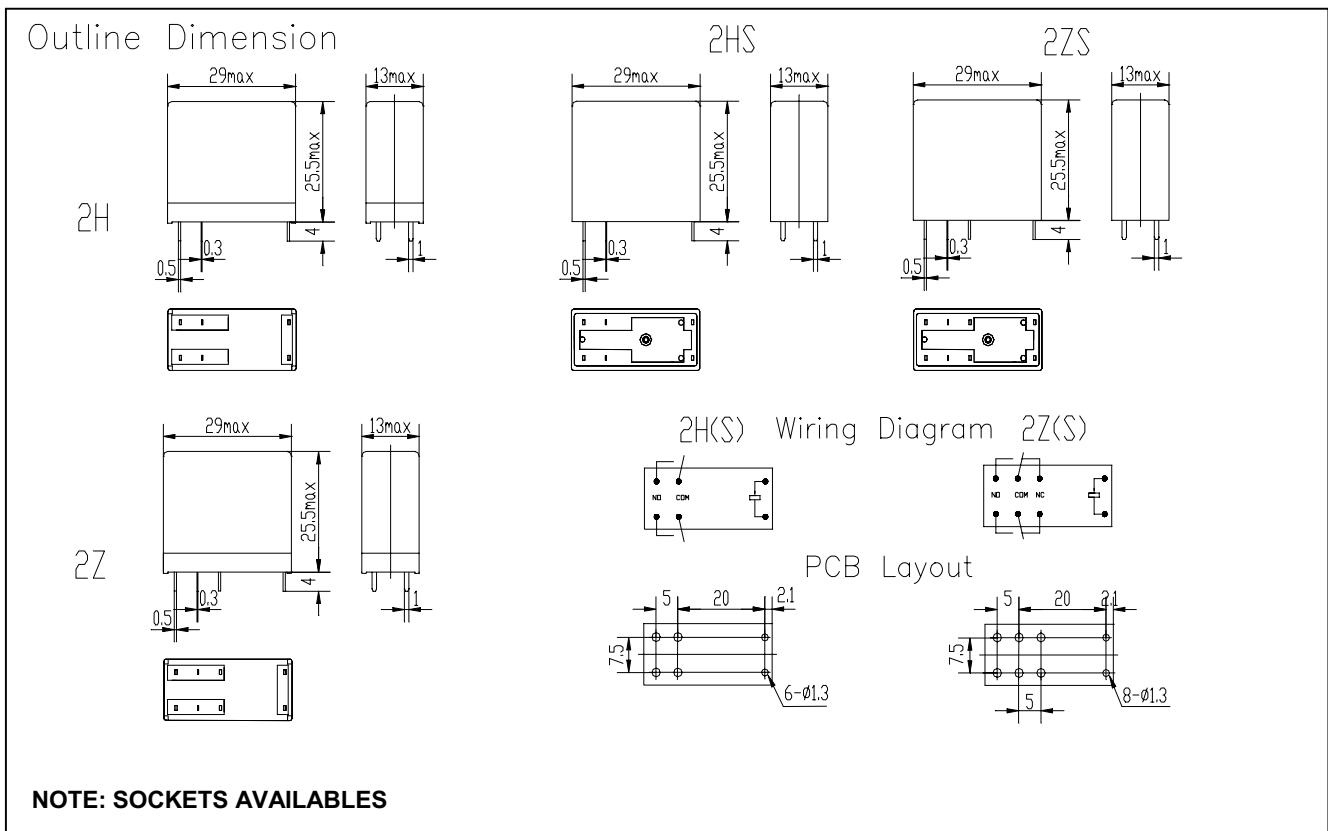
Nominal Voltage VDC	Pick-up Voltage VDC	Drop-out Voltage VDC	Max. allowable Voltage VDC (at 20 °C)	Coil Resistance Tolerance: ±10% Ω
3	2.25	0.3	3.9	17
5	3.75	0.5	6.5	47
6	4.5	0.6	7.8	68
9	6.75	0.9	11.7	160
12	9.0	1.2	15.6	275
18	13.5	1.8	23.4	650
24	18.0	2.4	31.2	1100
48	36.0	4.8	62.4	4170
60	45.0	6.0	78	7000

* When require pick-up voltage<75% of nominal voltage, special order allowed.

■ ORDERING INFORMATION

JZX-140FF /	012	— 2H —	S	W
Coil voltage 3.5,6,9,12,18,24 48,60VDC	Contact arrangement 2H: SPST-NO 2Z: SPDT	Classification of type S: Sealed Nil: Unsealed	SPECIAL TYPE W: 1.5mm GAP ONLY N/O CONTACTS Nil: STANDARD	

■ OUTLINE DIMENSIONS , WIRING DIAGRAM AND PC BOARD LAYOUT



■ USEFUL CURVES

