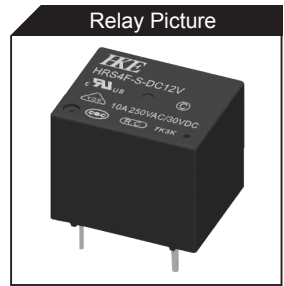
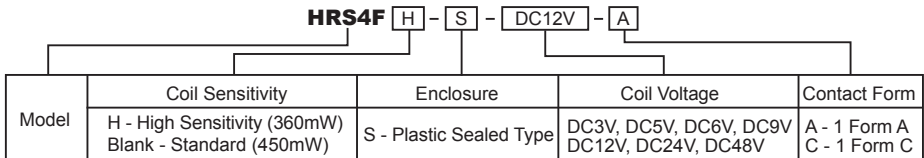




Features	
▪	Miniature relay Dimensions: 19.0×15.5×15.8(mm)
▪	Dielectric strength of 2500V between coil and contacts
▪	Contact: 1 Form A, 1 Form C
Safety Approval	
NO.40025308	NO.CQC08002027614
us NO.E164730	



ORDERING INFORMATION



SPECIFICATION

CONTACT DATA

Contact Form		1 Form A, 1 Form C
Contact Material		Ag Alloy
Contact Rating		10A 250VAC/30VDC
Contact Resistance		Max. 100mΩ (24VDC 1A)
Load	Max. Switching Voltage	250VAC/30VDC
	Max. Switching Current	10A
	Max. Switching Power	2500VA, 300W
	Min. Switching Load	5VDC, 100mA
Life	Electrical	100,000 operations 10A/250VAC - NO Contact
	Mechanical	10,000,000 operations

COIL DATA

Nominal Coil Power	360mW, 450mW
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GENERAL DATA

Insulation Resistance		Min. 1000MΩ 500VDC
Dielectric Strength	Between open contacts	1,000VAC, 1min
	Between coil and contacts	2,500VAC, 1min
	Inrush voltage	6,000VAC between coil and contacts (1/250μs)
Operate Time		Max. 10ms
Release Time		Max. 5ms
Operating Temperature		-40℃ to +85℃
Humidity		35~95%RH, +40℃
Shock Resistance	Endurance	1,000m/s ²
	Misoperation	100m/s ²
Vibration Resistance	Endurance	10~55Hz, 1.5mm double amplitude
	Misoperation	10~55Hz, 1.5mm double amplitude
Weight		Approximately 11.0g

Note: Data shown are of initial value

SAFETY APPROVAL

File Number	Contact Form	Power Consumption	Coil Voltage	Contact Rating	Remarks
CQC 08002027614 (GB/T 21711.1-2008)	A/C	0.36W/0.45W	3V, 5V, 6V, 9V, 12V, 18V, 24V, 36V, 48V	10A 250VAC	Ambient Temperature: 85℃
VDE 40025308	A/C	0.36W/0.45W	3V, 5V, 6V, 9V, 12V, 18V, 24V, 36V, 48V, 60V	10A 250VAC	Class F Insulation Ambient Temperature: 85℃
UL E164730	A/C	0.36W/0.45W	3-60VDC	10A 250VAC/30VDC	Class F Insulation Ambient Temperature: 85℃

Specifications subject to change without notice

COIL DATA

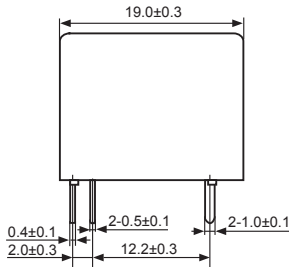
Ambient Temperature: 23°C

Model	Nominal Voltage VDC	Coil Resistance Ω +/-10%	Operate Voltage \leq VDC	Release Voltage \geq VDC	Coil Power mW
HRS4F-S-DC3V	3	20	2.1	0.3	450
HRS4F-S-DC5V	5	55	3.5	0.5	
HRS4F-S-DC6V	6	80	4.2	0.6	
HRS4F-S-DC9V	9	180	6.3	0.9	
HRS4F-S-DC12V	12	320	8.4	1.2	
HRS4F-S-DC24V	24	1280	16.8	2.4	
HRS4F-S-DC48V	48	5120	33.6	4.8	
HRS4FH-S-DC3V	3	25	2.1	0.3	360
HRS4FH-S-DC5V	5	70	3.5	0.5	
HRS4FH-S-DC6V	6	100	4.2	0.6	
HRS4FH-S-DC9V	9	225	6.3	0.9	
HRS4FH-S-DC12V	12	400	8.4	1.2	
HRS4FH-S-DC24V	24	1600	16.8	2.4	
HRS4FH-S-DC48V	48	6400	33.6	4.8	

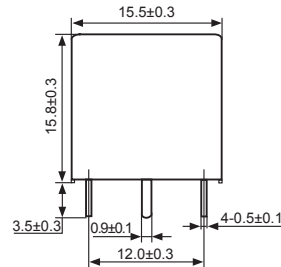
OUTLINE, WIRING DIAGRAM, MOUNTING HOLE LAYOUT (UNIT: mm)

1 Form C

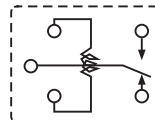
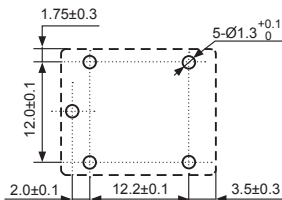
Outline



Mounting Hole Layout
(Bottom View)



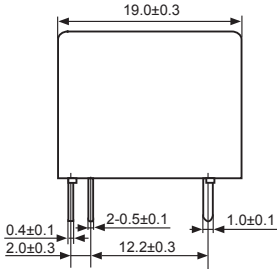
Wiring Diagram
(Bottom View)



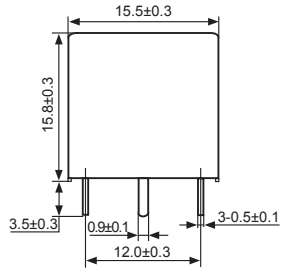
OUTLINE, WIRING DIAGRAM, MOUNTING HOLE LAYOUT (UNIT: mm)

1 Form A

Outline



Mounting Hole Layout
(Bottom View)



Wiring Diagram
(Bottom View)

