
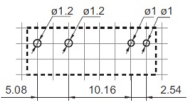

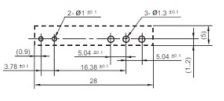

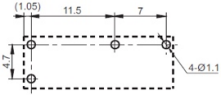

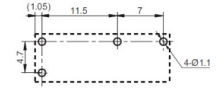

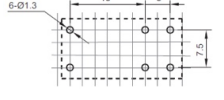

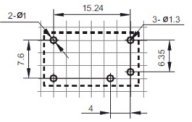
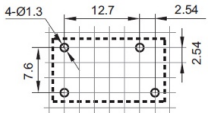

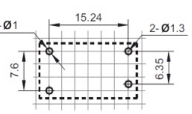


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POWER RELAYS


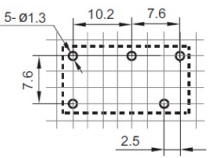

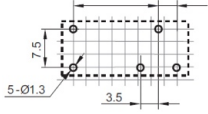

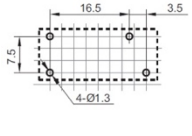

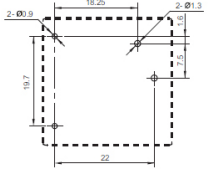

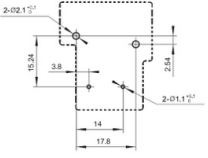

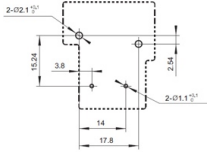
Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF49FD	 20.0x 5x12.5	5A	1A	5~24VDC	THT	
HF41F	 28x 5x15	6A	1A,1C	5~60VDC	THT	
HF46F	 20.5x 7.2x15.3	5A	1A	3~24VDC	THT	
HF46F-G	 20.5x 7.2x15.3	7A	1A	3~24VDC	THT	
HF42F	 24.4x 12.8x24.8	5A	2A	5~48VDC	THT	
HF32FA	 17.6x 10.1x12.3	1A:5A 1C:3A	1A,1C	3~48VDC	THT	

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Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF32FV	 18.4×10.2×15.3	5A	1A	3~48VDC	THT	
HF32FV-G	 18.4×10.2×15.3	10A	1A	3~48VDC	THT	
HF32FA-T	 17.6×10.1×12.3	5A	1A	3~24VDC	THT	
HF32FA-G	 17.6×10.1×12.3	10A	1A	3~48VDC	THT	
HF32F	 18.4×10.2×15.3	1A,1C(L型) :3A 1A:10A	1A,1C	3~48VDC	THT	
HF32F-G	 18.4×10.2×15.3	10A	1A	3~48VDC	THT	


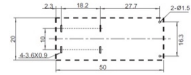

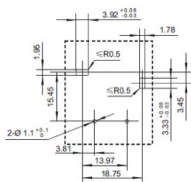

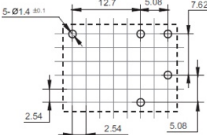

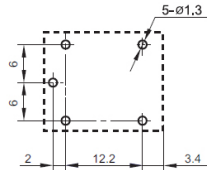

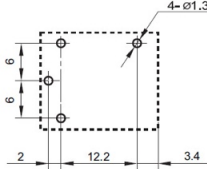

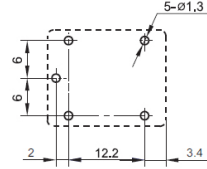
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POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF33F	 20.5×10.2×15.3	10A	1A,1C	3~48VDC	THT	
HF36F	 23.8×9.5×24.5	10A	1A,1C	5~48VDC	THT	
HF36FD	 23.8×9.5×24.5	10A	1A	3~48VDC	THT	
HF162F	 26.3×26.1×10	10A	1A	3~24VDC	THT	
HF165FD	 32.2×27.5×20.4	30A	1A,1B,1C	5~110VDC	THT	
HF165FD-G	 32.2×27.5×20.4	40A	1A	5~110VDC	THT	


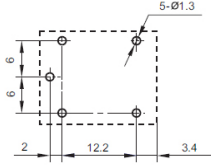

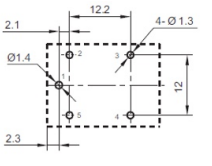


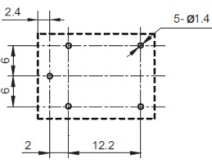

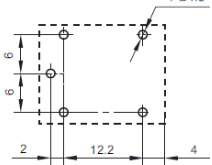

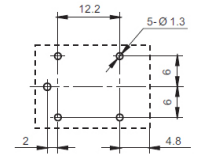
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POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF166F	 50.0x 27x20	25A	1A+1B	5~48VDC	THT	
HF165F	 32.2x 27.4x19.4	35A	1A	5~48VDC	THT	
HF8	 21.3x 16.2x14.4	6A	1A,1C	3~48VDC	THT	
HF3FA	 19x 15.2x15.5	10A	1A,1C	3~48VDC	THT	
HF3FA/...(2 15)	 19x 15.5x15.5	6A	1A,1C	3~48VDC	THT	
HF3FD	 19x 15.2x15.5	10A	1A,1C	3~48VDC	THT	

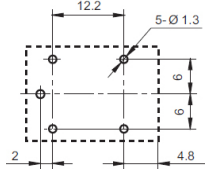

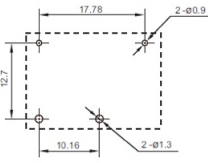


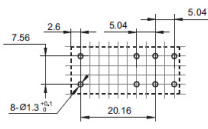
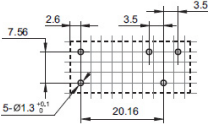

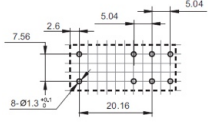
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POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF3FF	 19.0x 15.2x15.5	10A	1A,1C	5~48VDC	THT	
HF7FF	 22.5x 16.5x16.5	10A	1A,1C	3~48VDC	THT	
HF78F						
HF7FD	 22.0x 16x16.4	1A:16A 1C:12A	1A,1C	3~48VDC	THT	
HF21FF	 20.2x 16.5x20.2	1A,1B:15A 1C:10A	1A,1C,1B	5~48VDC	THT	
HF152F	 21x 16x20.6	1A:20A 1C:16A	1A,1C	3~48VDC	THT	


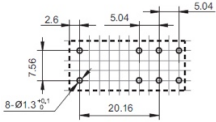

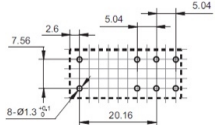

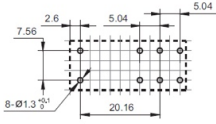

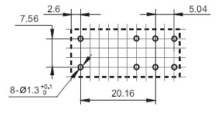

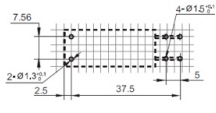

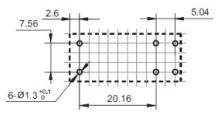
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POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF152FD	 21.6×16×20.6	1A:20A 1C:17A	1A,1C	3~48VDC	THT	
HF7520	 22×16×10.5	1A:16A 1C:10A	1A,1C	5~48VDC	THT QC	
HF118F	 28.5×10.1×12.5	10A	1A,1C,1B	5~60VDC	THT	
HF115FK-T	 29×12.7×15.7	16A	1A,1C	5~48VDC	THT	
HF115FK	 29×12.7×15.7	1A,1C:16A 2A,2C:8A	1A,1C,2A,2C	4~48VDC	THT	
HF115F	 29×12.7×15.7	1A,1B,1C:16A 2A,2B,2C:8A	1A,2A,1C,2C,1B,2B	5~110VDC	THT	


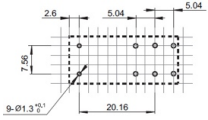

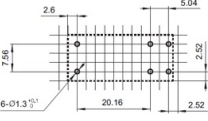

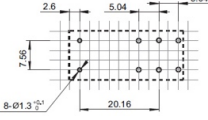

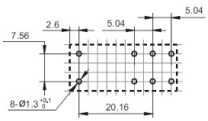

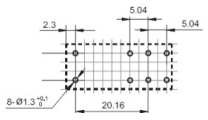

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POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF115F-A	 29×12.7×15.7	1A,1B,1C:16A 2A,2B,2C:8A	1A,2A,1C,2C,1B,2B		THT	
HF115F-T/TH	 29×12.7×15.7	16A	1A,1C	5~60VDC	THT	
HF115F-H	 29×12.7×15.7	10A	1A,1C,1B	5~60VDC	THT	
HF115F-I	 29×12.7×15.7	80A(浪涌电流)	1A,1C	5~110VDC	THT	
HF115F-Q	 41.4×12.7×15.7	20A	1A,1B	5~110VDC	THT&QC	
HF115F-S	 29.0×12.7×15.7	16A	1A	5~110VDC	THT	


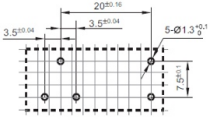

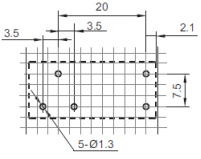

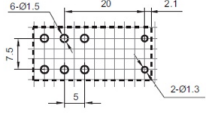

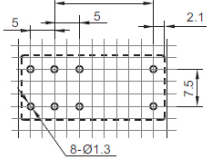

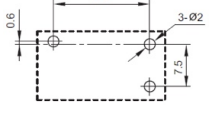

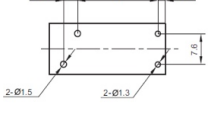
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POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF115F-L 2 pole	 29.0×12.7×15.7	8A	2A, 2C	5~24VDC	THT	
HF115F-LS	 29.0×12.7×15.7	16A	1A	5~24VDC	THT	
HF115F-L 1 pole	 29.0×12.7×15.7	16A	1A, 1C	5~24VDC	THT	
HF115FP	 29.0×13×25.5	1C:16A 2C:8A	1C, 2C	12~110VDC	THT	
HF158F	 29.0×12.7×15.7	20A	1A, 1C	5~48VDC	THT	
HF158F-V 1 pole	 29.0×12.7×20	16A	1A	5~24VDC	THT	


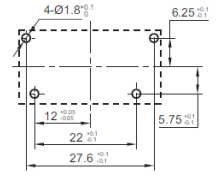

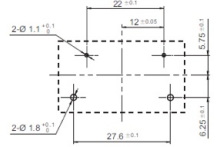


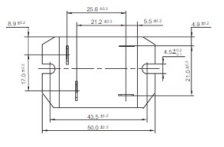

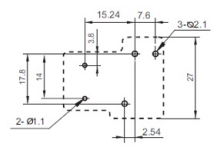

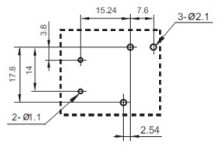
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POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF141FF	 29×12.6×20.6	10A	1A,1C,1B	5~48VDC	THT	
HF14FF	 29×13×26	10A	1A,1C	3~60VDC	THT	
HF14FW	 29×13×26.5	20A	1A,1C,1B	5~60VDC	THT	
HF140FF	 29×13×26.3	10A	2A,2C	3~60VDC	THT	
HF25F	 22.8×12.3×24.4	20A	1A	5~24VDC	THT QC	
HF62F	 29×12.6×24.4	16A	1A	5~48VDC	THT QC	


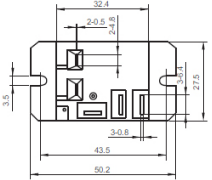

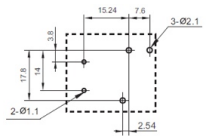

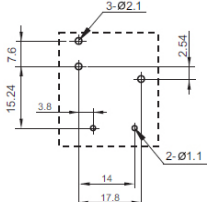

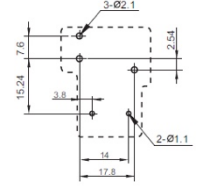

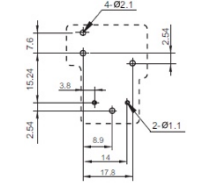

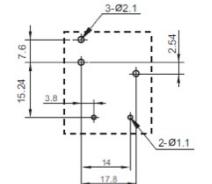
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POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF102F	 30.5×16×23.5	20A	1A	5~48VDC	THT QC	
HF161F	 30.4×15.9×23.3	20A	1A	5~48VDC	THT	
HF160F	 30.4×15.9×25.4	20A	1A	5~48VDC	THT QC	
HF37F	 35.2×32.2×24	30A	1A	5~60VDC	QC	
HF105F-1	 32.2×27.1×20	1A:30A 1B:15A 1C:20A	1A,1C,1B	5~110VDC	THT	
HF105F-2	 32.4×27.5×27.8	1A:30A 1B:15A 1C:20A	1A,1C,1B	5~110VDC	THT	


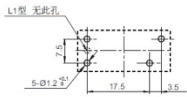

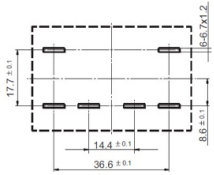

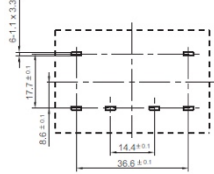

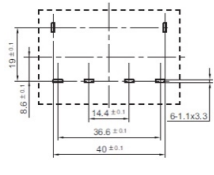

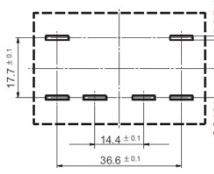

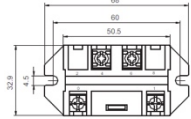
HONGFA

POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF105F-4	 50×27.2×27.8	1A:30A 1B:15A 1C:20A	1A,1C,1B	5~110VDC	QC	
HF105F-5	 32.4×27.3×27.8	1A:30A 1B:15A 1C:20A	1A,1C,1B	5~110VDC	THT QC	
HF2100	 32.2×27.5×28	1A:30A 1B:15A 1C:20A	1A,1C,1B	5~110VDC	THT QC	
HF2110/HF2120	 28.4×23.5×15.3	1A:30A 1B:15A 1C:20A	1A,1C,1B	5~110VDC	THT QC	
HF2150	 31.8×27×19.1	1A:30A 1B:15A 1C:20A	1A,1C,1B	5~110VDC	THT	
HF2160	 32×27.5×19.8	1A:30A 1B:15A 1C:20A	1A,1C,1B	5~110VDC	THT QC	


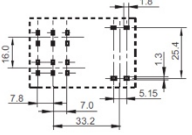

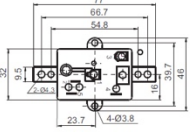

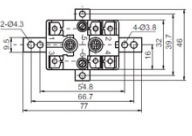

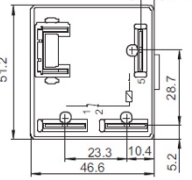

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POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF163F-L	 24×10×18.8	10A	1A	3~24VDC	THT	
HF116F-80	 50.5×32.9×36	90A	1A	3~48VDC	THT	
HF116F-1	 50.5×32.9×36	1A:30A 2A:25A	1A,2A	3~200VDC	THT QC Screw	
HF116F-2	 51.5×34.9×36	1A:30A 2A:25A	1A,2A	3~200VDC	THT QC Screw	
HF116F-G	 50.5×32.9×36	55A	1A,2A	3~48VDC	THT	
HF116F-3	 50.5×32.9×51	1A:30A 2A:25A	1A,2A	3~200VDC	THT QC Screw	

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POWER RELAYS

Relay Type	Shape Dimensions (mm)	Max. Switching Current	Contact Arrangement	Coil Voltage	Terminal Type	Layout (Bottom View)
HF92F	 52×33.7×26.7	30A	2A,2C	5~110VDC	THT QC	
HF84F	 47×32×28.5	1A,1B:16A 1C:8A	1A,1C,1B	6~120VDC	QC	
HF94F	 47×32×28.5	18A	1A,1C,1B,1A+1B	6~120VDC	QC	
HF8565	 51.2×46.6×36.5	50A(浪涌电流)	1B	VDC	QC	
HF3F-L	 19.0×15.2×15.5	15A	1A,1C	5~48VDC	THT	