



JRC-21F(4100)

Contact specification

Contact form	1Z、 1H	
Contact resistance	≤100mΩ (1A 6VDC)	
Contact material	AgCdO AgSnO ₂	
Contact capacity	1A 240VAC/30VDC	2A 120VAC

Coil specification

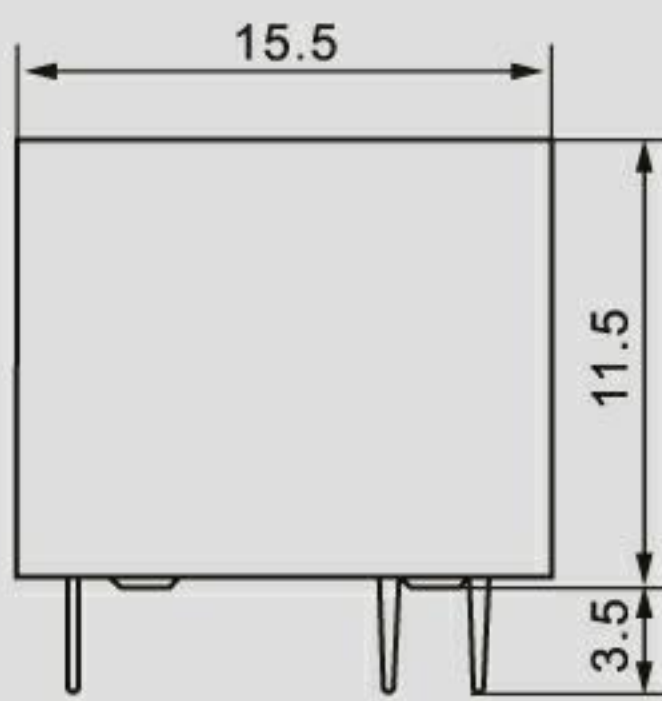
Rated coil power	360mW
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Coil data

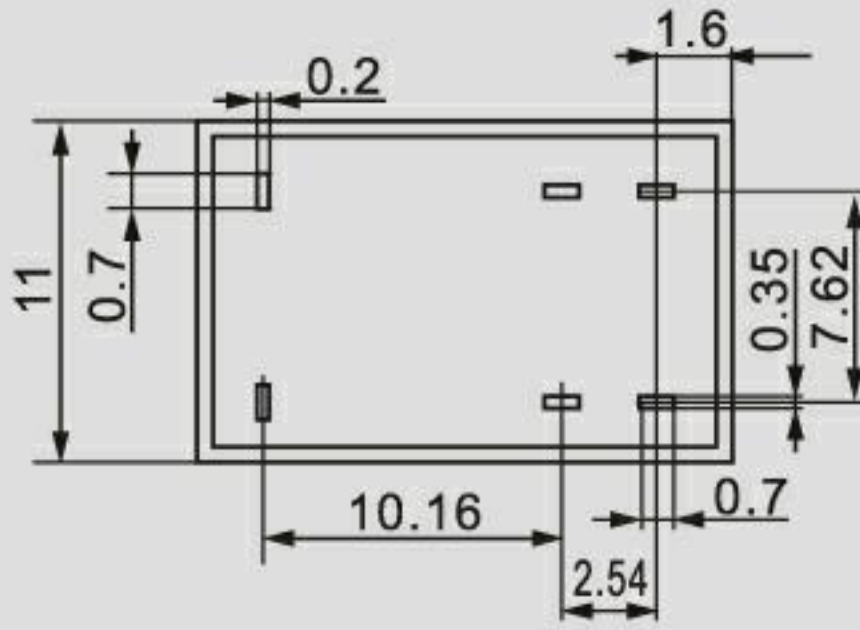
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
3	2.3	0.3	25
5	3.8	0.5	70
6	4.5	0.6	100
9	6.8	0.9	220
12	9.0	1.2	400
24	18.0	2.4	1600

Outline dimension、 Mounting holes (Bottom view)、 Wiring diagram (Bottom view)

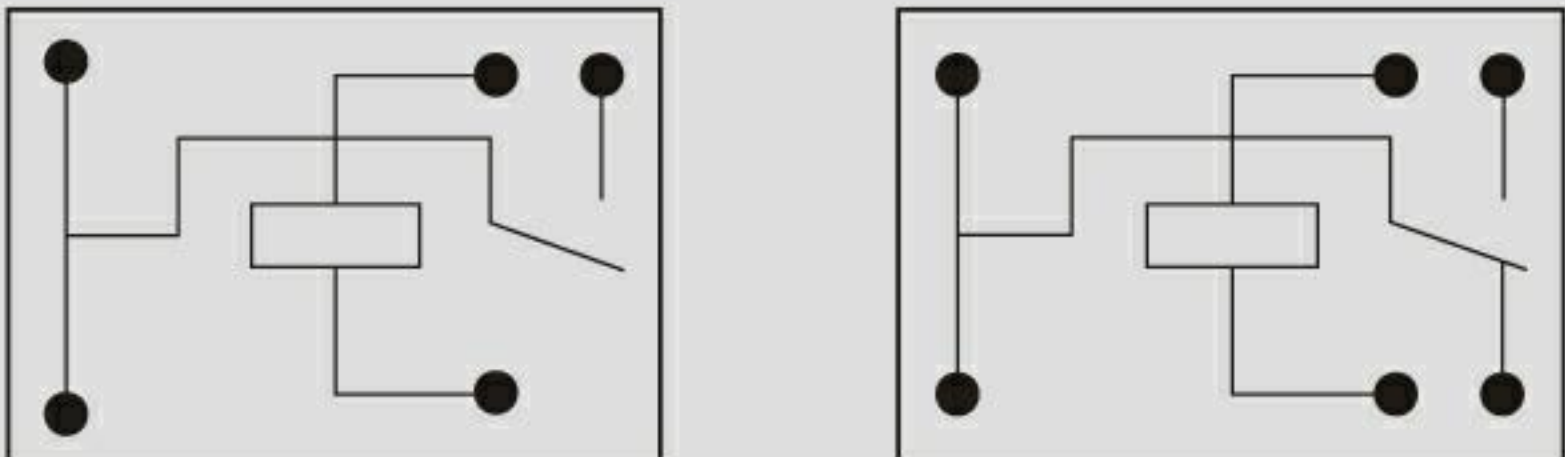
JRC-21F(4100) Outline dimension



JRC-21F(4100) Mounting holes (Bottom view)



JRC-21F(4100) Wiring diagram (Bottom view)





JRC-19F(4078)

Contact specification

Contact form	2Z
Contact resistance	≤100mΩ (1A 6VDC)
Contact material	AgCdO AgSnO ₂
Contact capacity	1A 125VDC 2A 30VADC

Coil specification

Rated coil power	360mW
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Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
3	2.25	0.3	25
5	3.75	0.5	70
6	4.5	0.6	100
9	6.8	0.9	225
12	9.0	1.2	400
15	11.3	1.5	625
24	18.0	2.4	1600
48	36.0	4.8	4000

Outline dimension、Mounting holes (Bottom view)、 Wiring diagram (Bottom view)

JRC-19F(4078) Outline dimension

JRC-19F(4078) Mounting holes (Bottom view)

JRC-19F(4078) Wiring diagram (Bottom view)



JQC-3F(T73)

Contact specification

Contact form	1H、1Z
Contact resistance	≤100mΩ (1A 6VDC)
Contact material	AgCdO AgSnO ₂
Contact capacity	7A 250VAC/30VDC 10A 250VAC/30VDC

Coil specification

Rated coil power	360mW(48VDC 0.51W)
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Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
3	2.25	0.3	25
5	3.75	0.5	70
6	4.5	0.6	100
9	6.8	0.9	225
12	9.0	1.2	400
18	13.5	1.8	900
24	19.0	2.4	1600
48	36.0	4.8	4500

Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

JQC-3F(T73) Outline dimension

JQC-3F(T73) Mounting holes (Bottom view)

JQC-3F(T73) Wiring diagram (Bottom view)



JZC-22F

Contact specification

Contact form	1H、1Z
Contact resistance	≤100mΩ (1A 6VDC)
Contact material	AgCdO AgSnO ₂
Contact capacity	15A 250VAC/28VDC 12A 250VAC/28VDC5A 250VAC/28VDC

Coil specification

Rated coil power	360mW/530mW
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Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
3	2.25	0.3	25
5	3.8	0.5	70
6	4.5	0.6	100
9	6.8	0.9	225
12	9.0	1.2	400
18	13.5	1.8	900
24	19.0	2.4	1600
48	36.0	4.8	4500

Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

JZC-22F Outline dimension

JZC-22F Mounting holes (Bottom view)

JZC-22F Wiring diagram (Bottom view)



JZC-32F

Contact specification

Contact form	1H、1Z
Contact resistance	≤100mΩ (1A 6VDC)
Contact material	AgCdO AgSnO ₂ AgNi
Contact capacity	1H: 5A 250VAC/30VDC 10A 125VAC 1Z: 5A 250VAC/30VDC

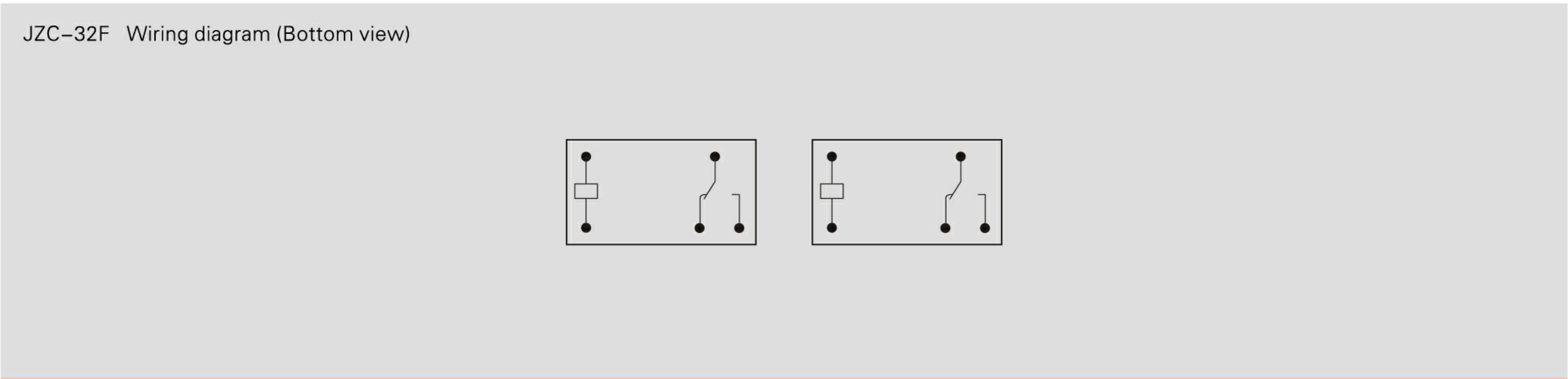
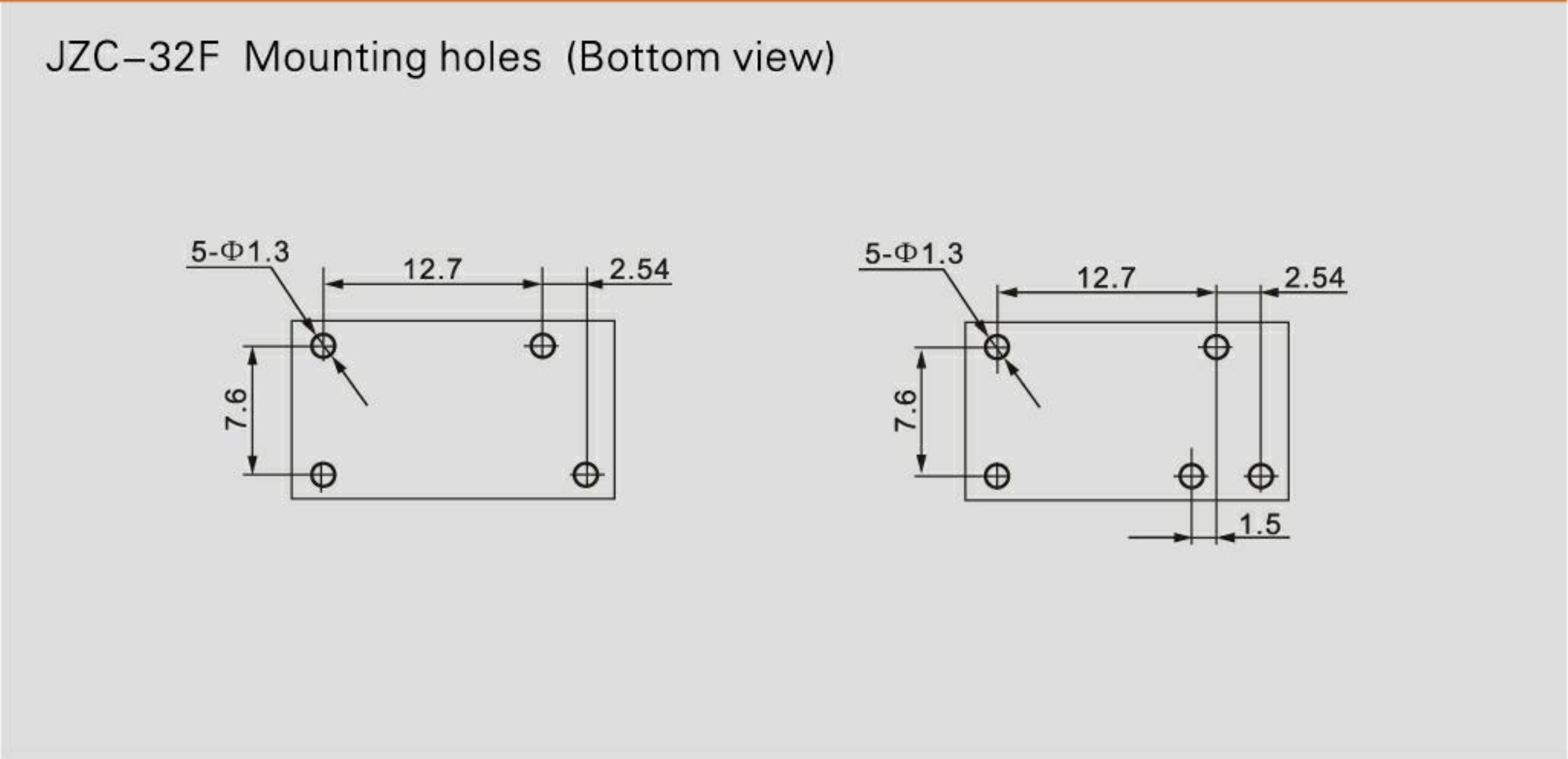
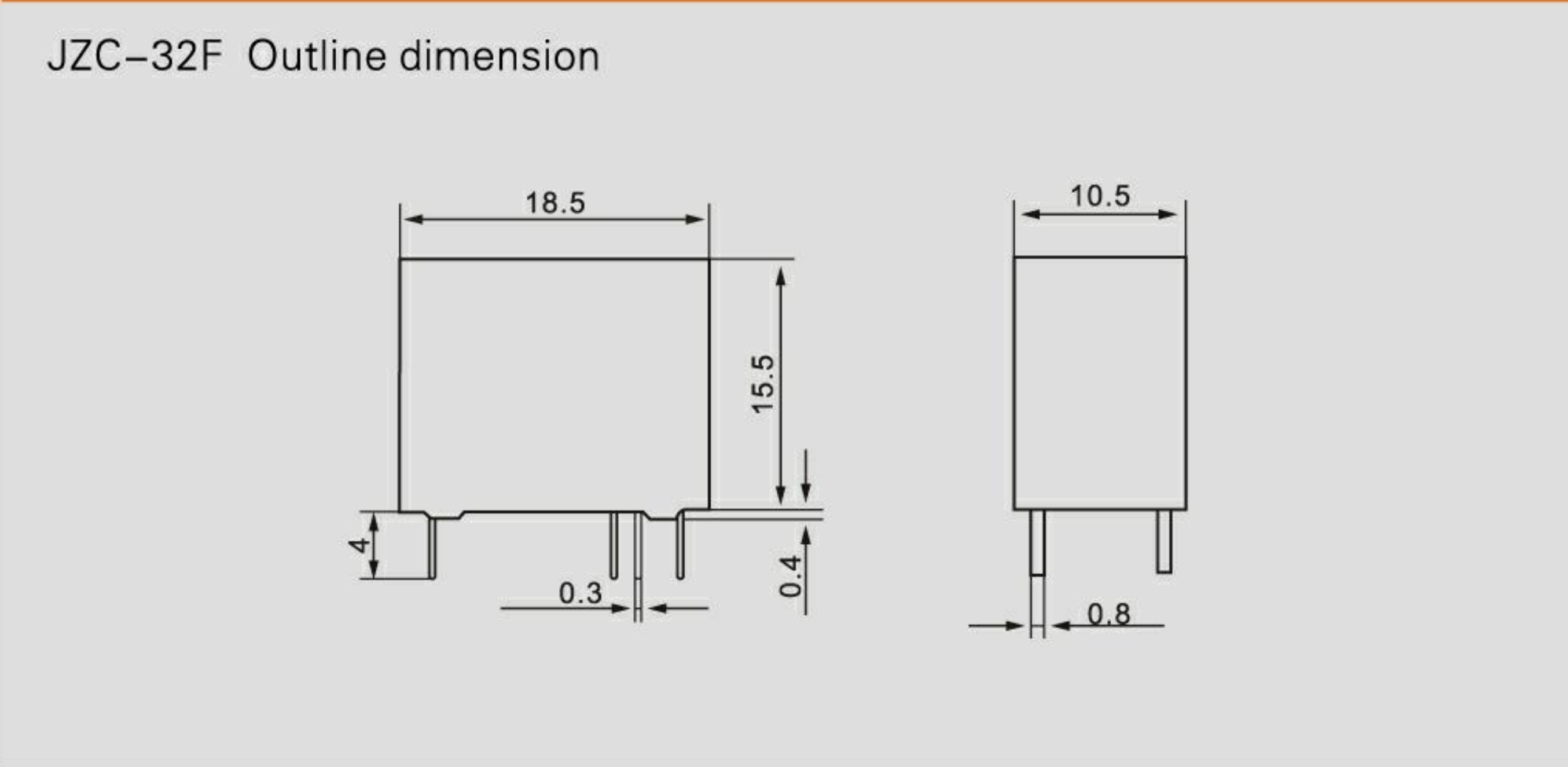
Coil specification

Rated coil power	0.45W
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Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
3	2.25	0.3	20
5	3.75	0.5	55
6	4.50	0.6	80
9	6.75	0.9	180
12	9.00	1.2	320
18	13.5	1.8	720
24	18.0	2.4	1280

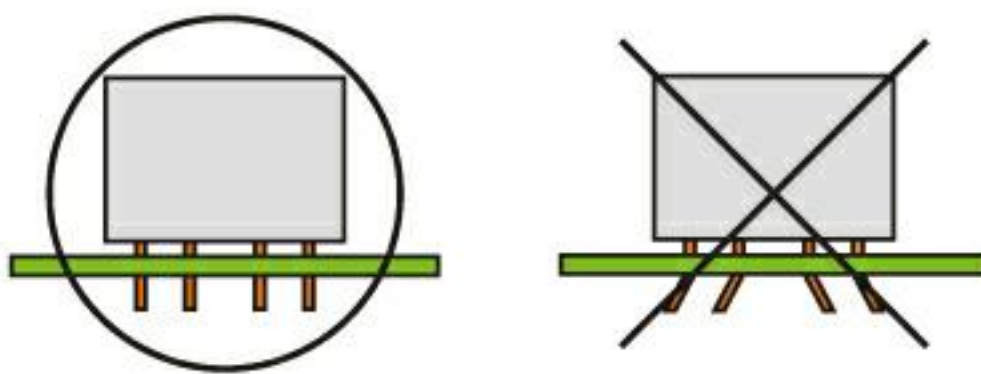
Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)



JZC-32F

Technical specification

Insulation resistance	≥1000MΩ (500VDC)
Dielectric strength	Between coil and contact ≥2500VAC 1min Between open contacts ≥1000VAC 1min
Operate / Release time	≤8ms/5ms
Terminal type	PCB mounting





JQX-14FC

Contact specification

Contact form	1Z、1H、2Z、2H	
Contact resistance	≤100mΩ (1A 6VDC)	
Contact material	AgCdO AgSnO ₂	
Contact capacity	10A 240VAC/30VDC	5A 240VAC/30VDC

Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
3	2.25	0.3	16
5	3.75	0.5	45
6	4.5	0.6	65
9	6.75	0.9	150
12	9.0	1.2	260
18	13.5	1.8	600
24	18.0	2.4	1080
48	36.0	4.8	4260
60	45.0	7.0	6500

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VAC	VAC	VAC	Ω ± 10%
6	4.8	1.8	16
12	9.6	3.6	63
24	19.2	4.2	240
48	38.4	14.4	1085
110	88	33	5500
230	184	69	24000



1H

1Z

2Z

Technical specification

Insulation resistance	≥1000MΩ (500VDC)
Dielectric strength	Between coil and contact≥4000VAC 1min
	Between open contacts≥1000VAC 1min
Operate / Release time	≤15ms/5ms
Terminal type	PCB mounting

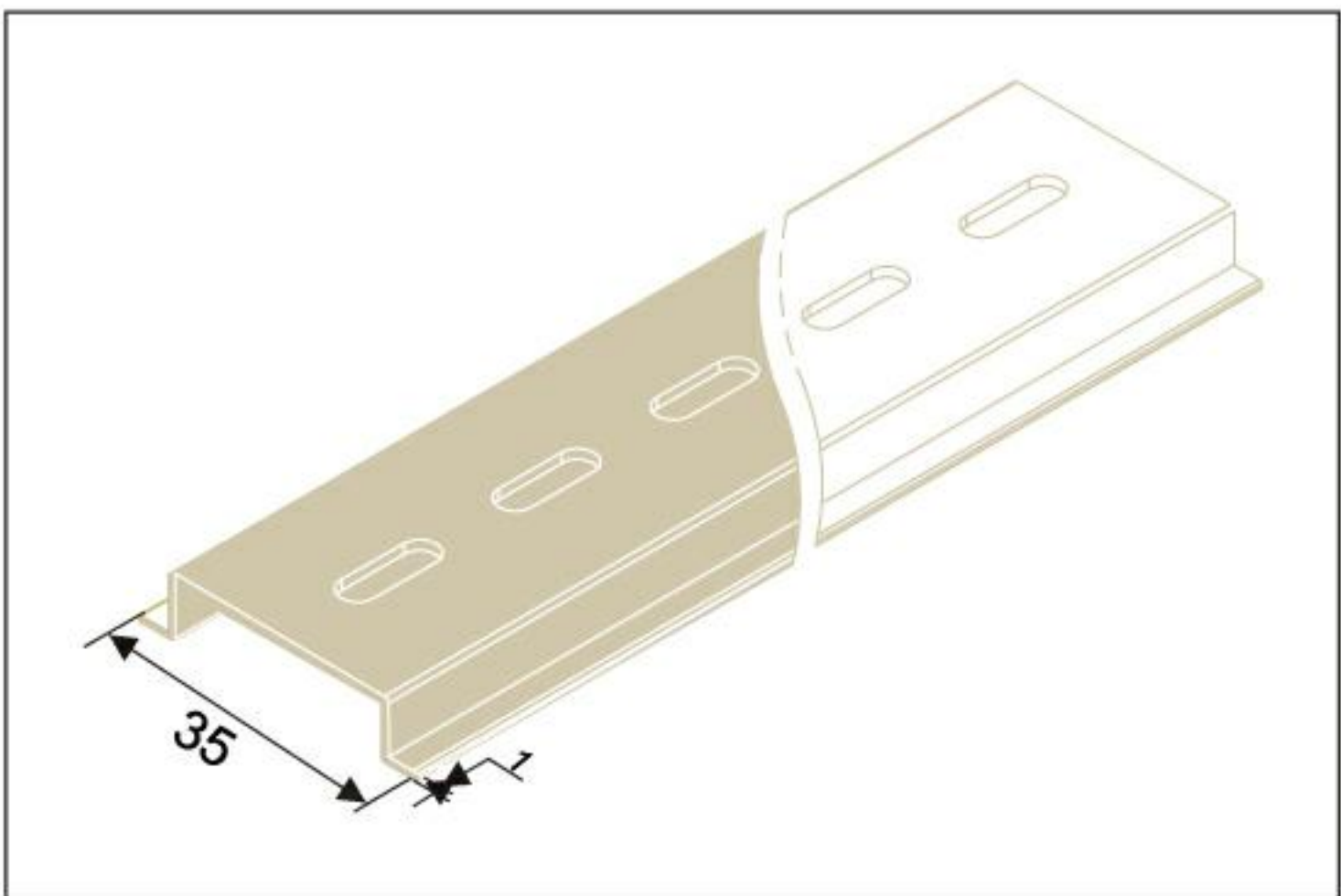
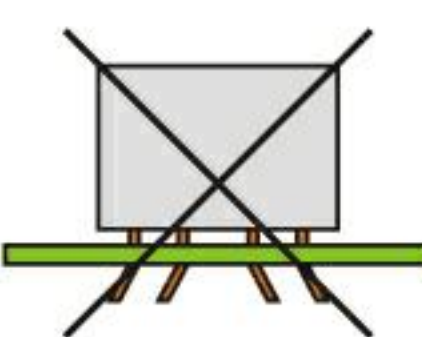
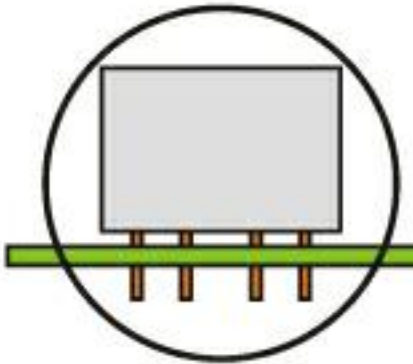
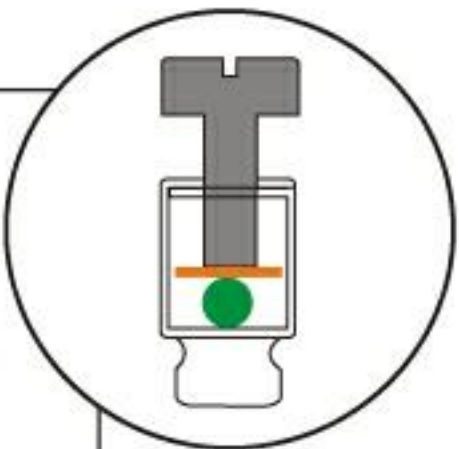
Coil specification

0.55W	Rated coil power
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PCB socket

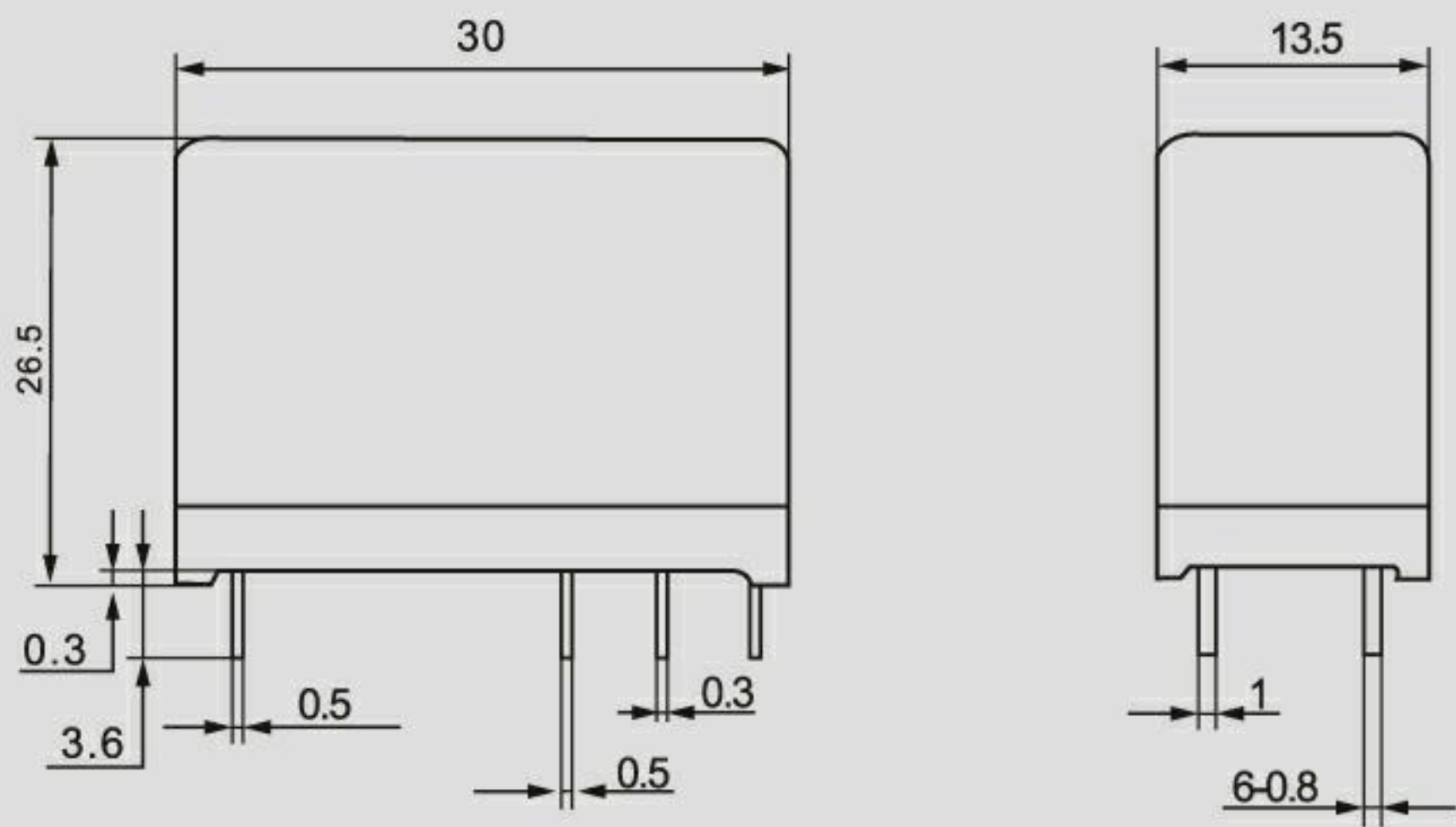


Socket

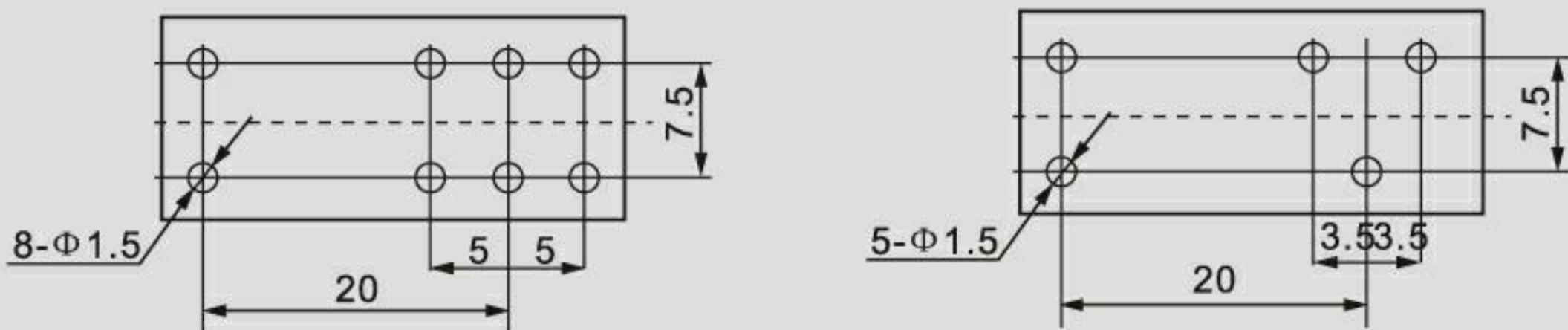


Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

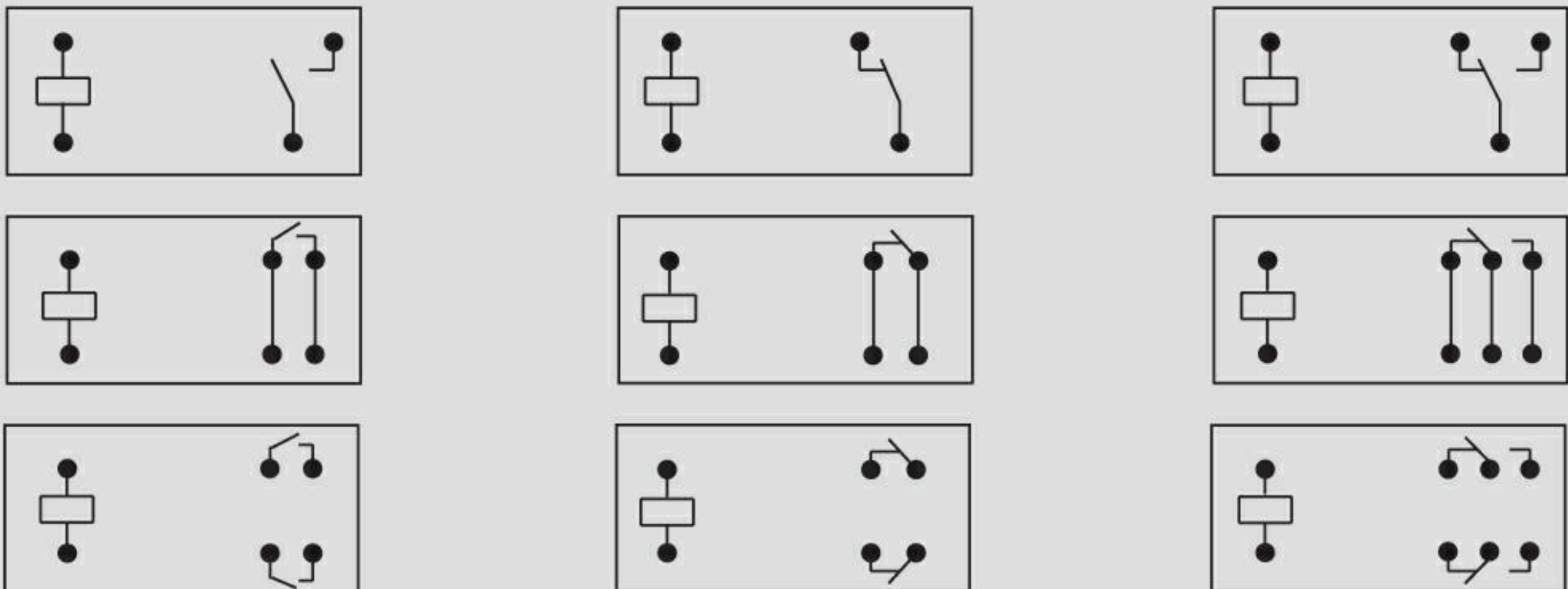
JQX-14FC Outline dimension



JQX-14FC Mounting holes (Bottom view)



JQX-14FC Wiring diagram (Bottom view)





JQX-14FL

Contact specification

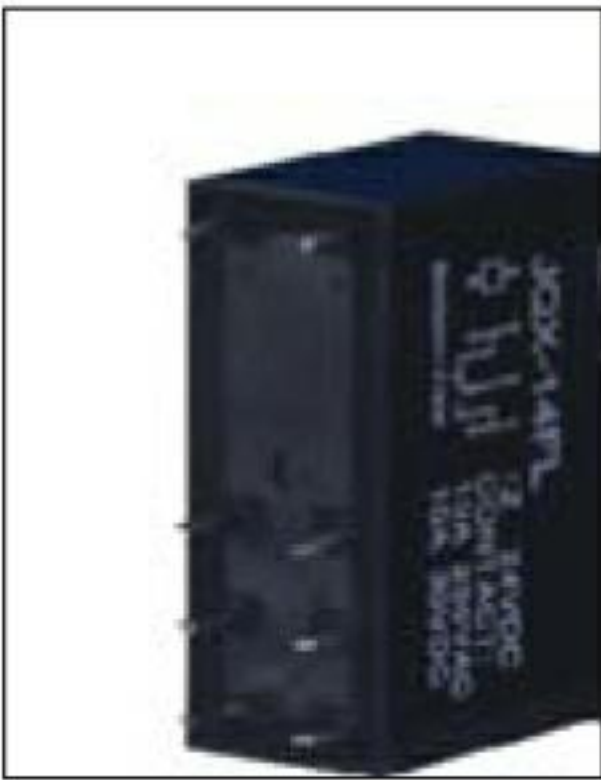
Contact form	1Z、1H、1D、2Z、2H、2D			
Contact resistance	≤100mΩ (1A 6VDC)			
Contact material	AgCdO AgSnO ₂			
Contact capacity	Standard form	8A 250VAC/30VDC 10A 125VAC	High load form	10A 30VDC 10A 250VDC

Coil specification

Rated coil power	0.53W
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Coil data

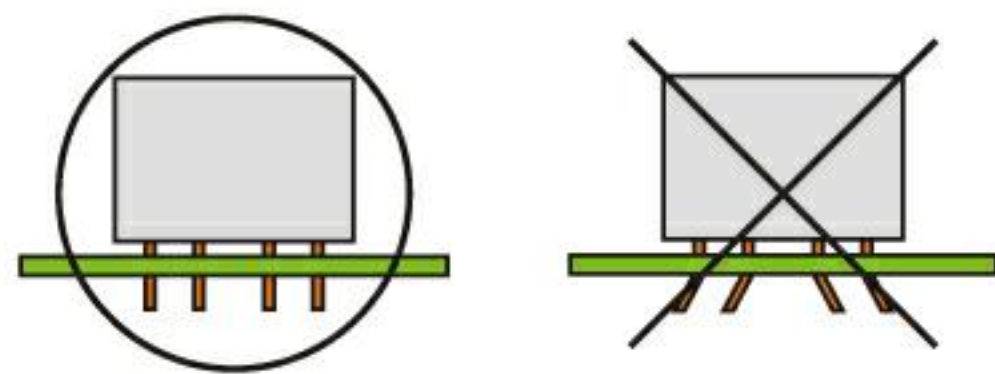
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	3.75	0.5	55
6	4.5	0.6	68
9	6.75	0.9	120
12	9.0	1.2	270
18	13.5	1.8	450
24	18.0	2.4	1080
48	36.0	4.8	4340



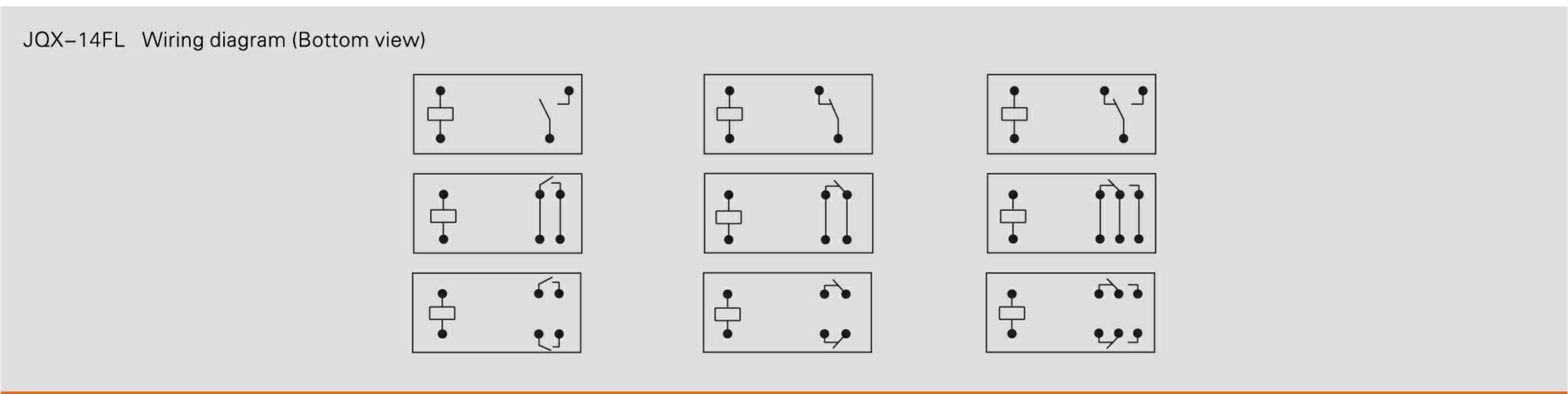
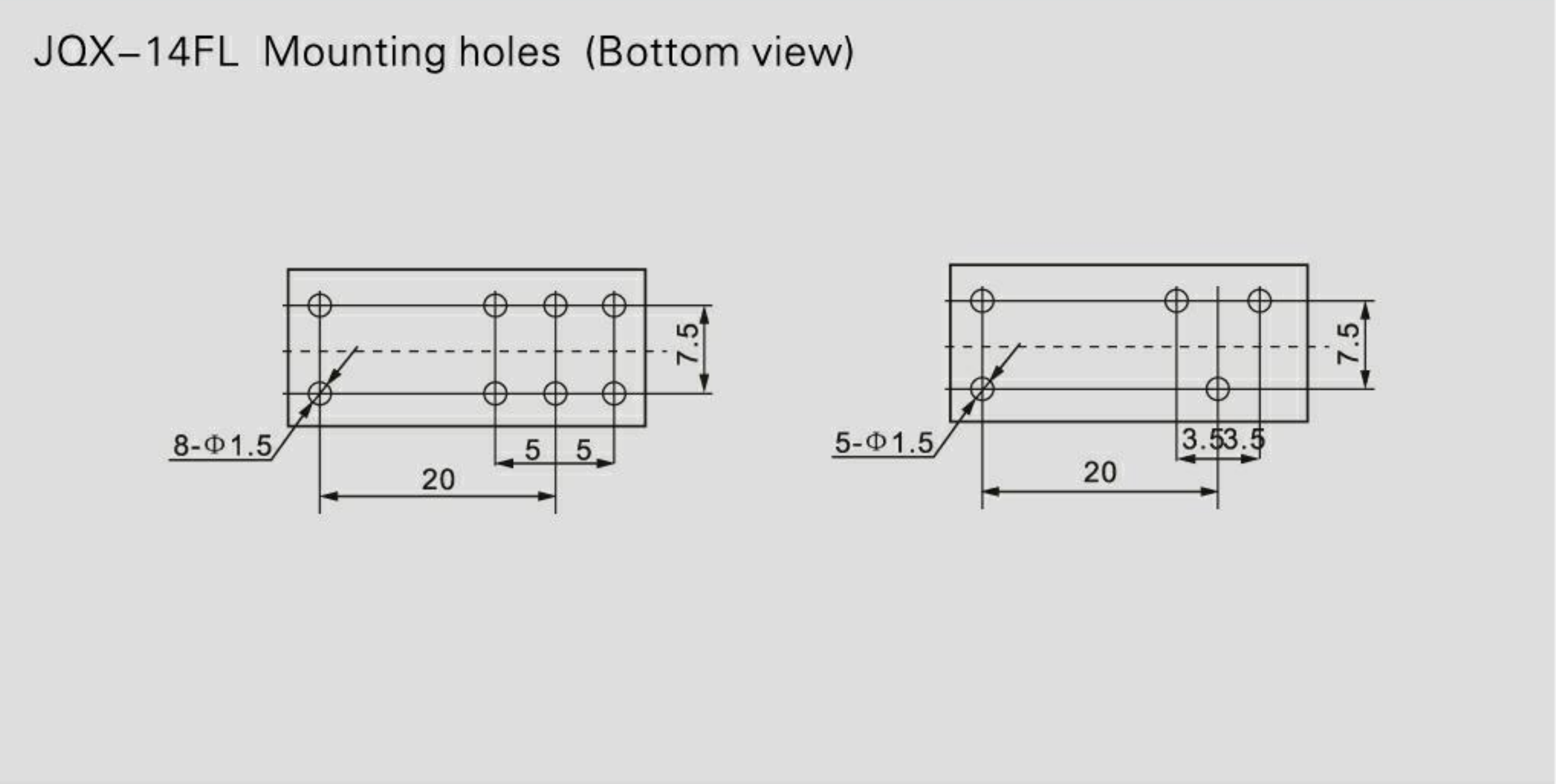
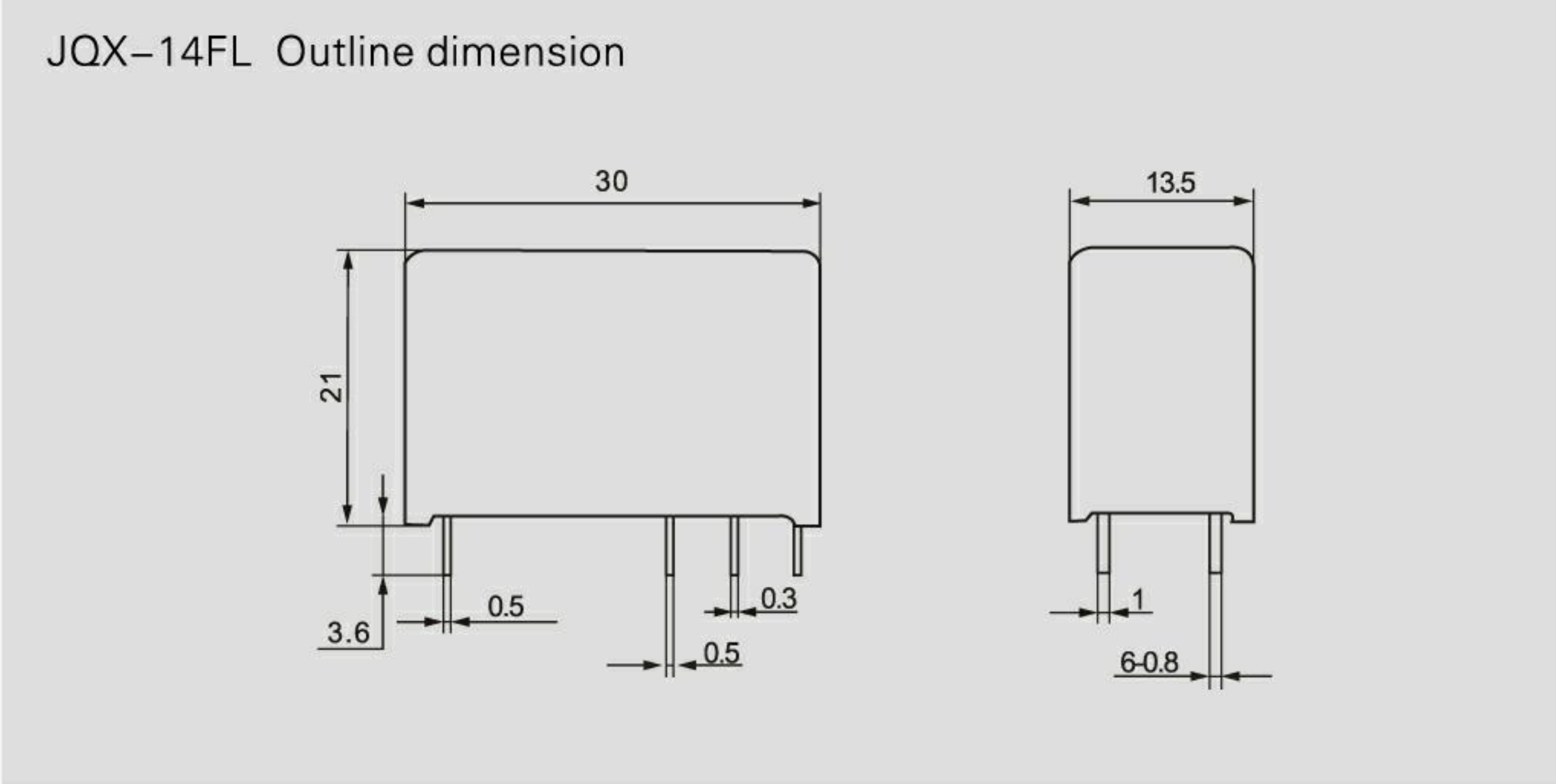
JQX-14FL

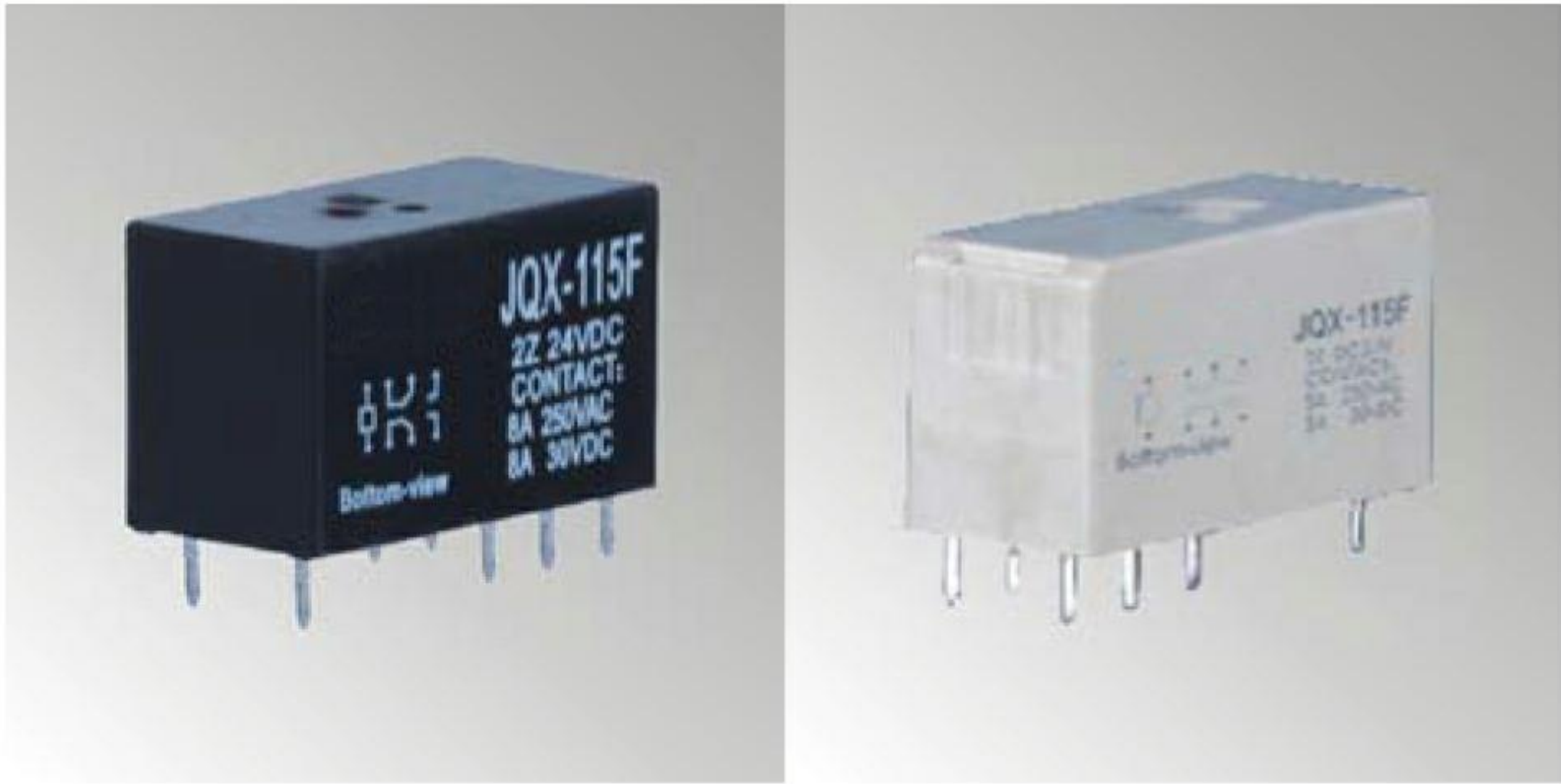
Technical specification

Insulation resistance	≥1000MΩ (500VDC)
Dielectric strength	Between coil and contacts≥5000VAC 1min
	Between open contacts≥1000VAC 1min
Operate / Release time	≤15ms/5ms
Terminal type	PCB mounting



Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)





JQX-115F

Contact specification

Contact form	1Z、1H、1D	2Z 2H 2D
Contact resistance	$\leq 100\text{m}\Omega$ (1A 6VDC)	
Contact material	AgCdO AgSnO ₂	
Contact capacity	16A 250VAC/30VDC	8A 250VAC/30VDC

Coil specification

Rated coil power	0.53W
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Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	$\Omega \pm 10\%$
5	3.75	0.5	55
6	4.5	0.6	68
12	9.0	1.2	270
24	18.0	2.4	1087
48	36.4	4.8	4347
60	48.0	6.0	7500
110	82.5	11.0	27170



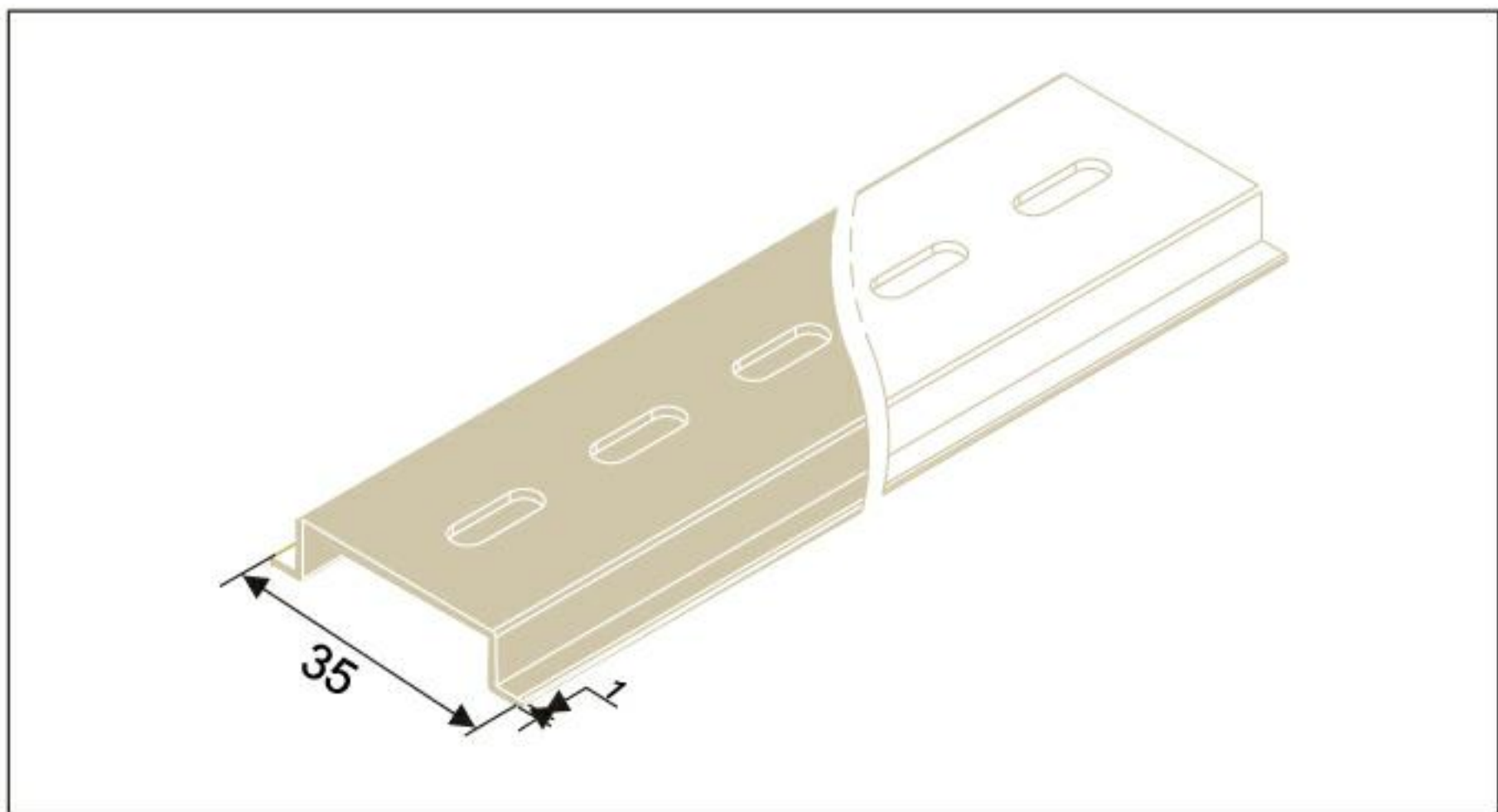
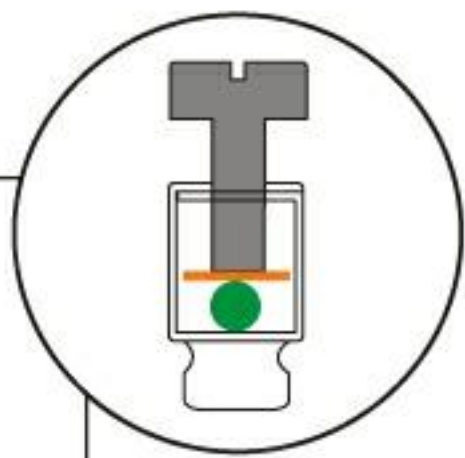
JQX-115F

Technical specification

Insulation resistance	$\geq 1000\text{M}\Omega$ (500VDC)
Dielectric strength	Between coil and contacts $\geq 5000\text{VAC}$ 1min
	Between open contacts $\geq 1000\text{VAC}$ 1min
Operate / Release time	Between contacts of different poles $\geq 2500\text{VAC}$ 1min
	$\leq 15\text{ms}/5\text{ms}$
Terminal type	PCB mounting

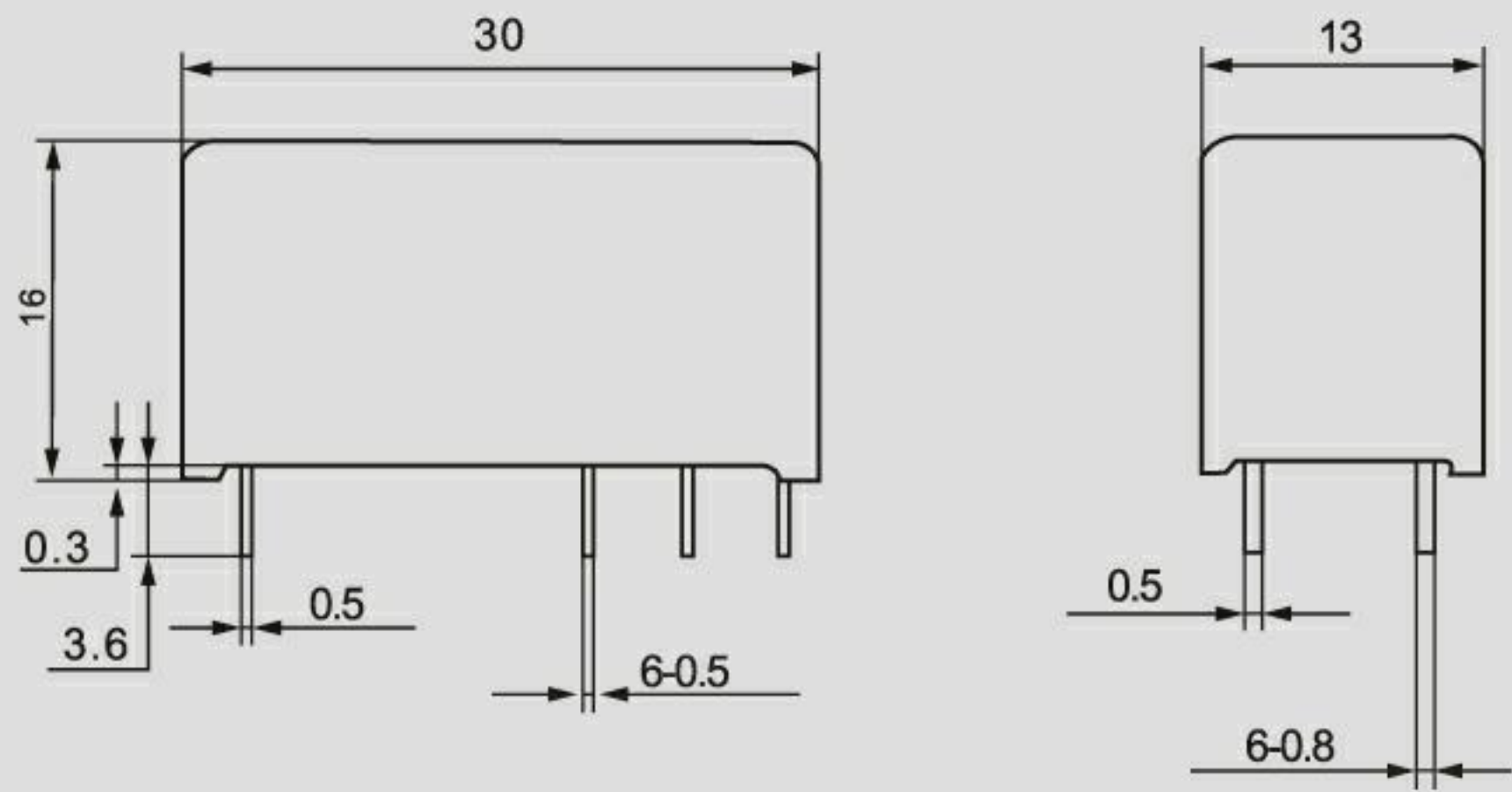
PCB socket

Socket

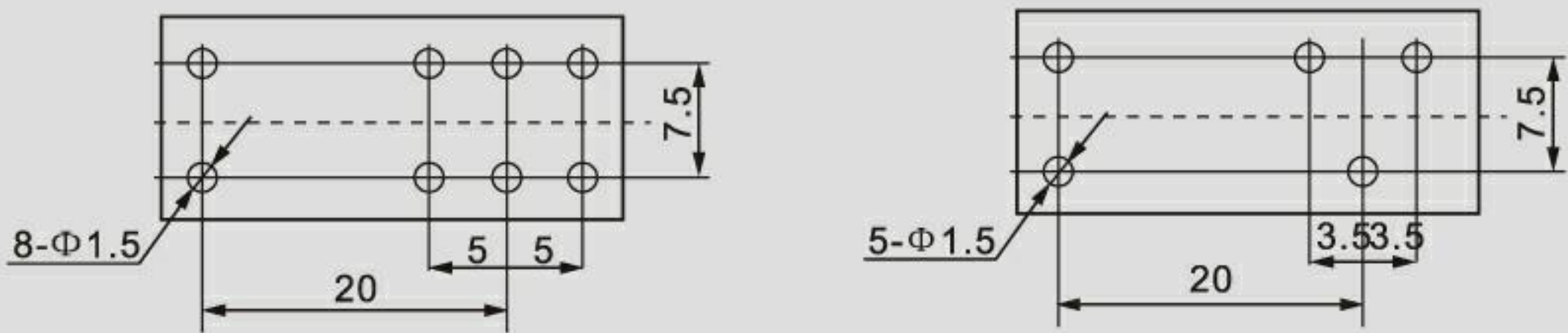


Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

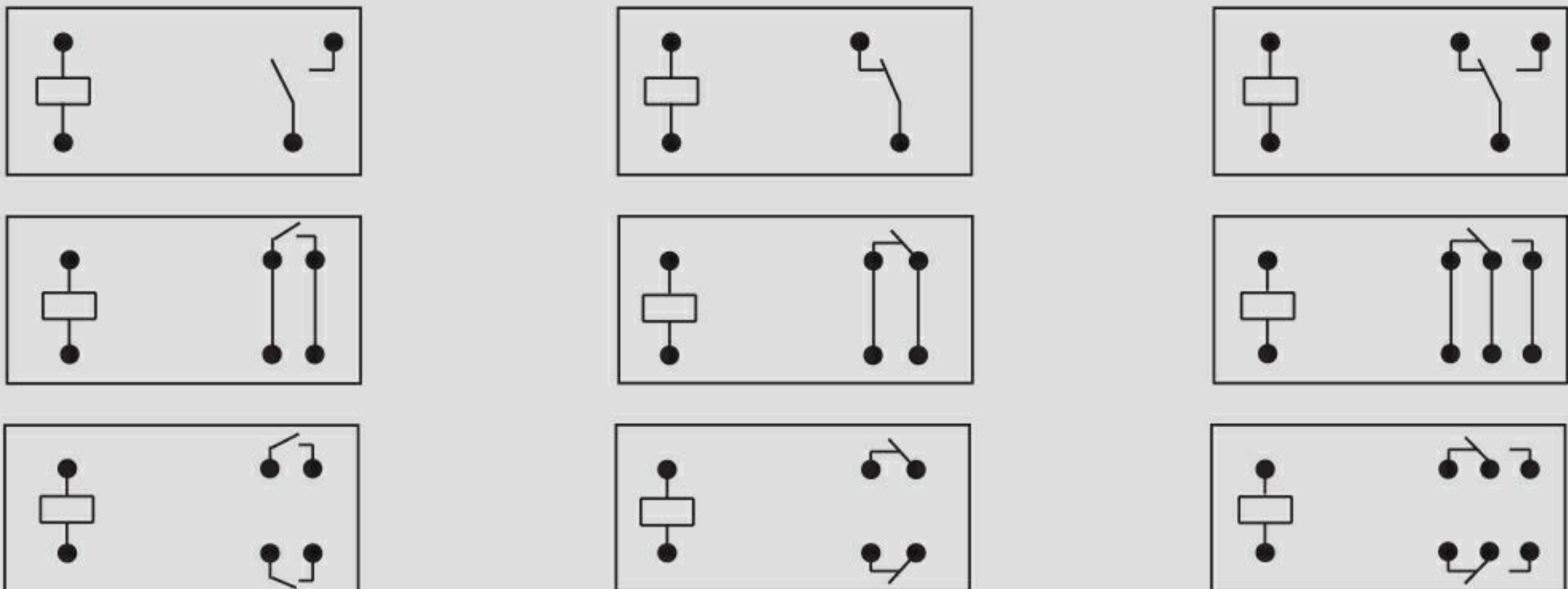
JQX-115F Outline dimension

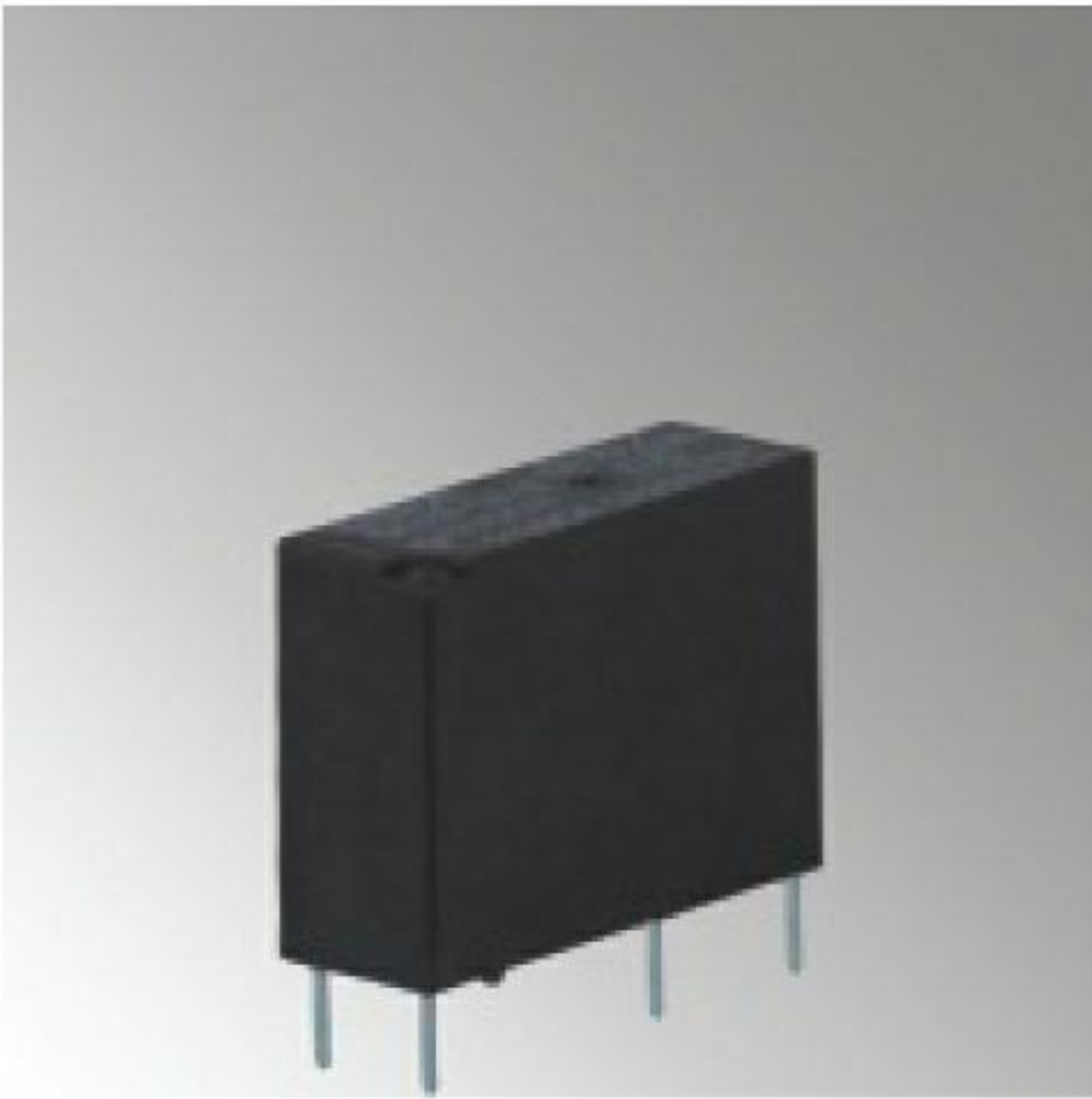


JQX-115F Mounting holes (Bottom view)



JQX-115F Wiring diagram (Bottom view)





AS46F

Contact specification

Contact form	1H
Contact resistance	≤100mΩ (1A6VDC)
Contact material	AgCdO AgNi AgSnO ₂
Contact capacity(resistance)	5A 250VAC/30VDC

Coil specification

Rated coil power	200mW
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Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
3	2.25	0.18	45
5	3.75	0.25	125
6	4.50	0.30	180
9	6.75	0.45	405
12	9.00	0.60	720
18	13.5	0.90	1620
24	18.0	1.20	2880

Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

AS46F Outline dimension

AS46F Mounting holes (Bottom view)

AS46F Wiring diagram (Bottom view)

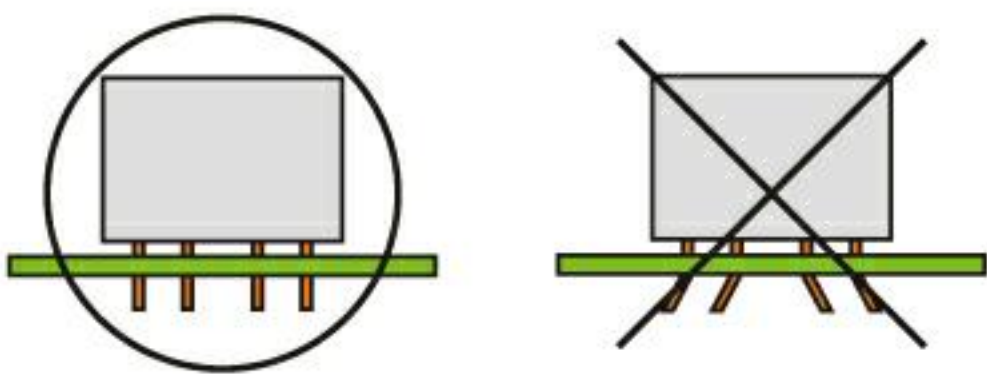


JQX-15F/T90



1H

1Z



Contact specification

Contact form	1Z、1H、1D
Contact resistance	≤100mΩ (1A 6VDC)
Contact material	AgCdO AgSnO ₂
Contact capacity	NO:30A 240VAC/28VDC NC:20A 240VAC/28VDC

Technical specification

Insulation resistance	≥1000MΩ (500VDC)
Dielectric strength	Between coil and contact≥2500VAC 1min
	Between open contacts≥1500VAC 1min
Operate / Release time	≤15ms/10ms
Terminal type	PCB mounting

Coil specification

Rated coil power	DC 0.9W
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Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	3.75	0.5	30
6	4.5	0.6	45
9	6.75	0.9	100
12	9.0	1.2	160
15	11.25	1.5	260
18	13.5	1.8	385
24	18.0	2.4	660
48	36.0	4.8	2560
70	52.5	7.0	5500
110	82.5	11	13450

Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

JQX-15F/T90 Outline dimension

JQX-15F/T90 Mounting holes (Bottom view)

JQX-16F/T90 Wiring diagram (Bottom view)



JQX-16F/T91

Contact specification

Contact form	1Z、1H、1D	
Contact resistance	≤100mΩ (1A 6VDC)	
Contact material	AgCdO AgSnO ₂	
Contact capacity	NO: 30A 240VAC/28VDC	NC: 20A 240VAC/28VDC

Coil specification

Rated coil power	DC 0.9W
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Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	3.75	0.5	30
6	4.5	0.6	45
9	6.75	0.9	100
12	9.0	1.2	160
15	11.25	1.5	260
18	13.5	1.8	385
24	18.0	2.4	660
48	36.0	4.8	2560
70	52.5	7.0	5500
110	82.5	11	13450

Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

JQX-16F/T91 Outline dimension

JQX-16F/T91 Mounting holes (Bottom view)

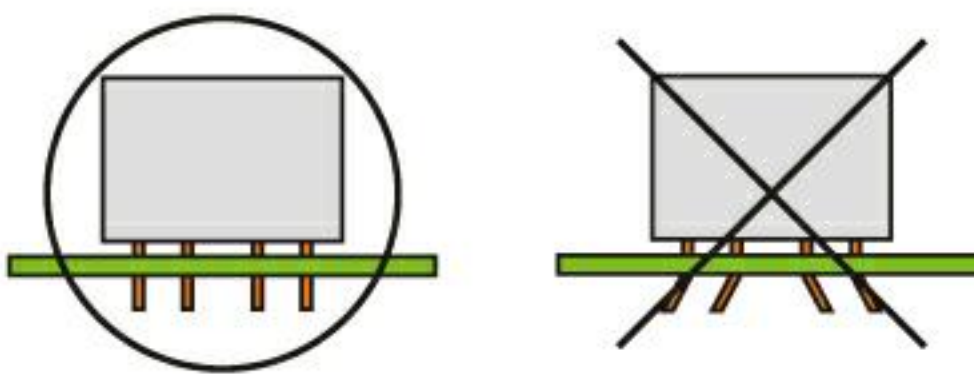
JQX-16F/T91 Wiring diagram (Bottom/Top view)



JQX-16F/T91

Technical specification

Insulation resistance	≥1000MΩ (500VDC)
Dielectric strength	Between coil and contact≥2500VAC 1min
	Between open contacts≥1500VAC 1min
Operate / Release time	≤15ms/10ms
Terminal type	PCB and quick terminal mounting





JQX-16FS/T92

Contact specification

Contact form	1Z、1H、1D
Contact resistance	≤100mΩ (1A 6VDC)
Contact material	AgCdO AgSnO ₂
Contact capacity	NO: 30A 240VAC/28VDC NC: 20A 240VAC/28VDC

Coil specification

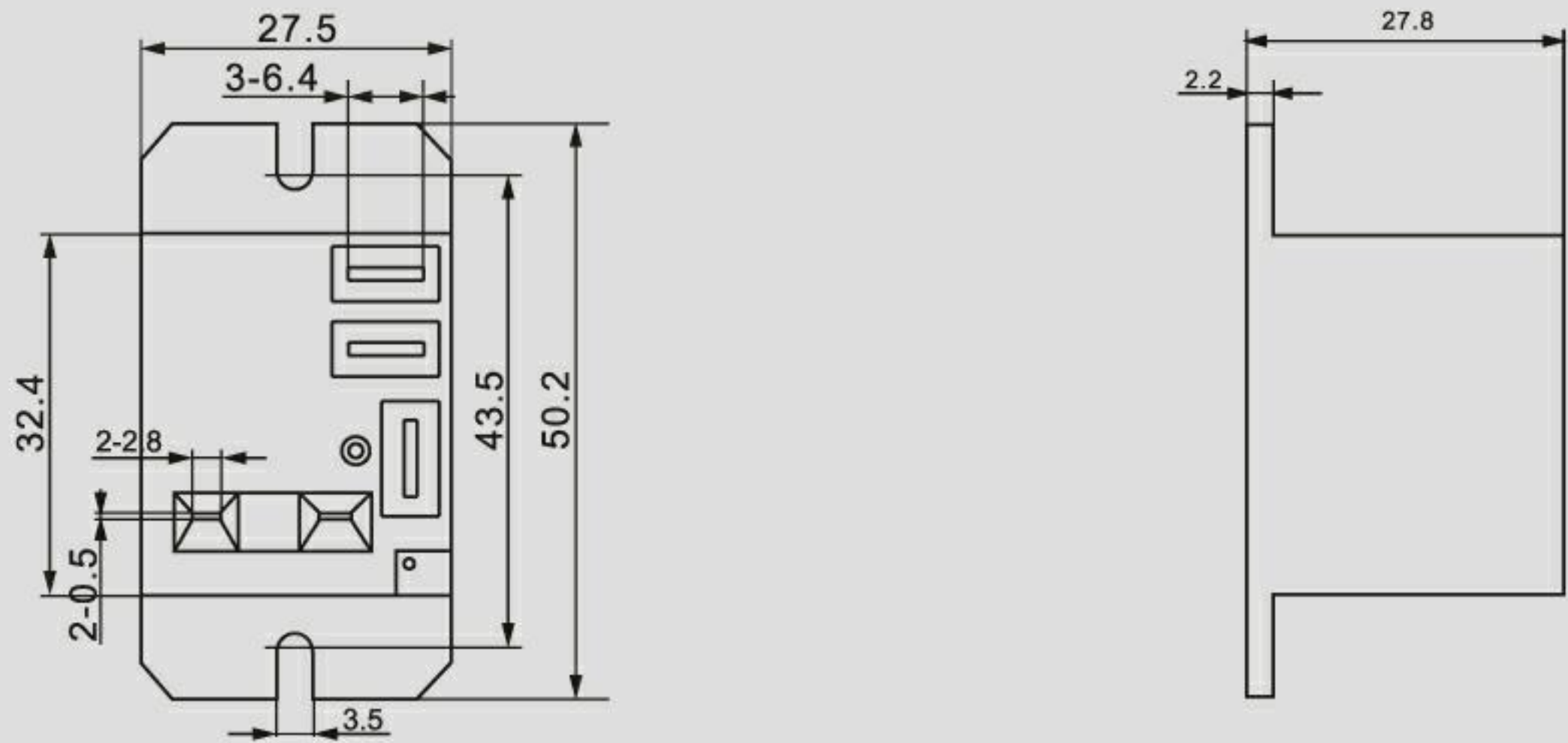
Rated coil power	DC 0.9W
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Coil data

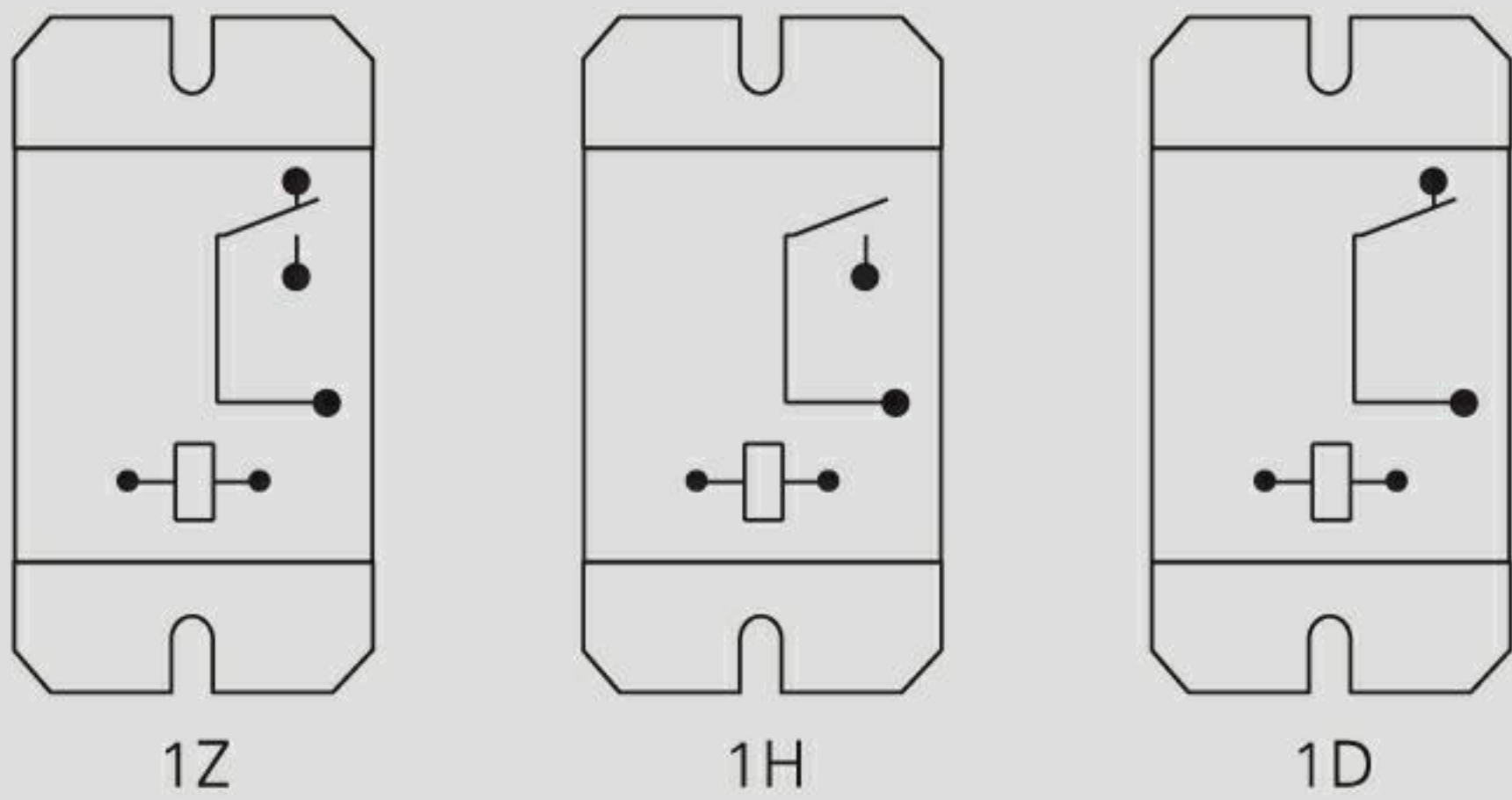
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	3.75	0.5	30
6	4.5	0.6	45
9	6.75	0.9	100
12	9.0	1.2	160
15	11.25	1.5	260
18	13.5	1.8	385
24	18.0	2.4	660
48	36.0	4.8	2560
70	52.5	7.0	5500
110	82.5	11	13450

Outline dimension、Mounting holes (Bottom view)、 Wiring diagram (Bottom view)

JQX-16FS/T92 Outline dimension



JQX-16FS/T92 Wiring diagram (Bottom view)





JQX-21F/T93

Contact specification

Contact form	1Z、1H、1D	
Contact resistance	≤100mΩ (1A 6VDC)	
Contact material	AgCdO AgSnO ₂	
Contact capacity	NO: 30A 240VAC/28VDC	NC: 20A 240VAC/28VDC

Coil specification

Rated coil power	DC 0.9W
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Coil data

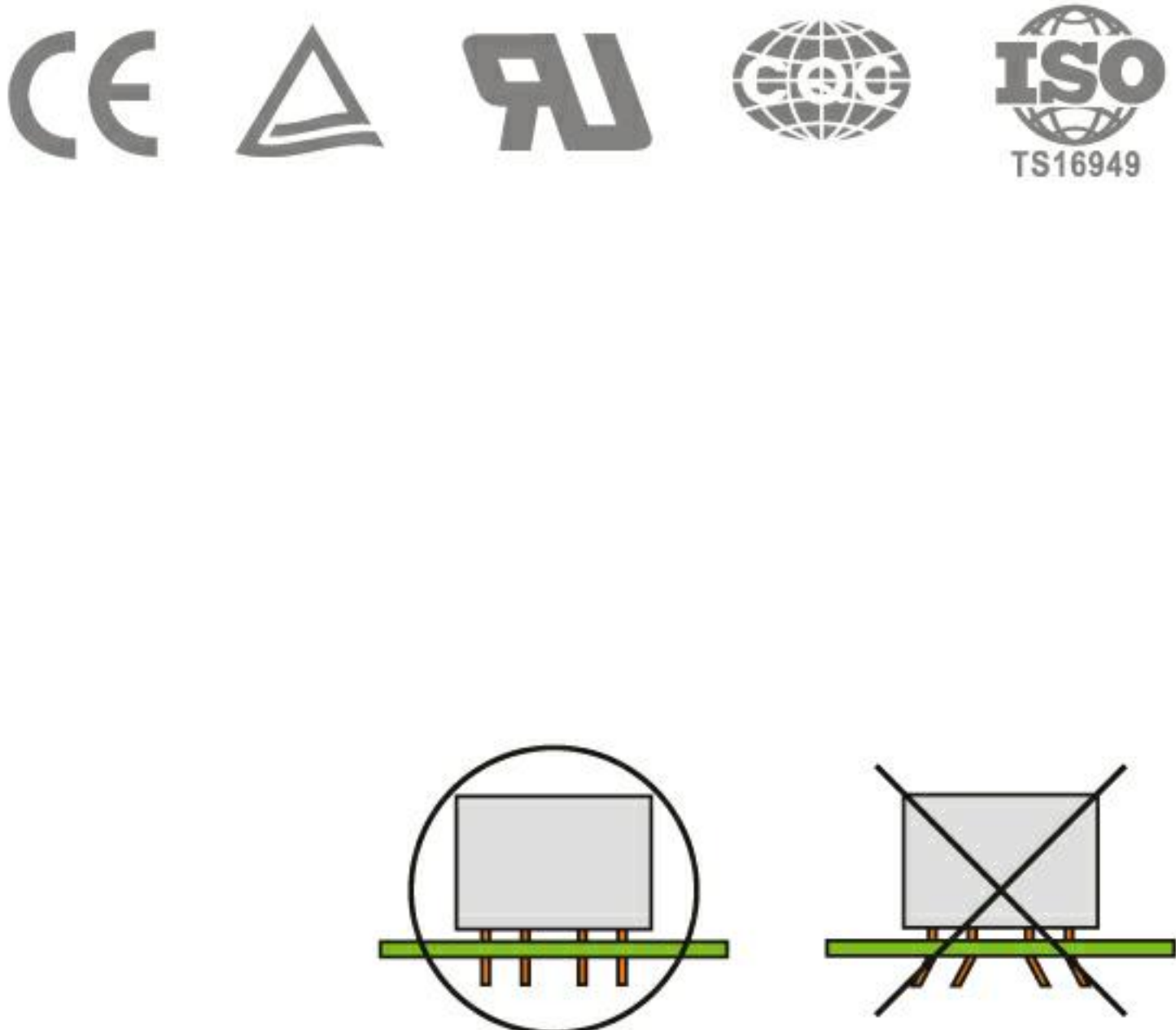
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	3.75	0.5	30
6	4.5	0.6	45
9	6.75	0.9	100
12	9.0	1.2	160
15	11.25	1.5	260
18	13.5	1.8	385
24	18.0	2.4	660
48	36.0	4.8	2560
70	52.5	7.0	5500
110	82.5	11	13450

Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

JQX-21F/T93 Outline dimension

JQX-21F/T93 Mounting holes (Bottom view)

JQX-21F/T93 Wiring diagram (Bottom/Top view)



JQX-21F/T93

Technical specification

Insulation resistance	≥1000MΩ (500VDC)
Dielectric strength	Between coil and contact≥2500VAC 1min
	Between open contacts≥1500VAC 1min
Operate / Release time	≤15ms/10ms
Terminal type	PCB and quick terminal mounting



JQX-37F/T94

Contact specification

Contact form	1H
Contact resistance	≤100mΩ (1A 6VDC)
Contact material	AgCdO AgSnO ₂
Contact capacity	30A250VAC

Coil specification

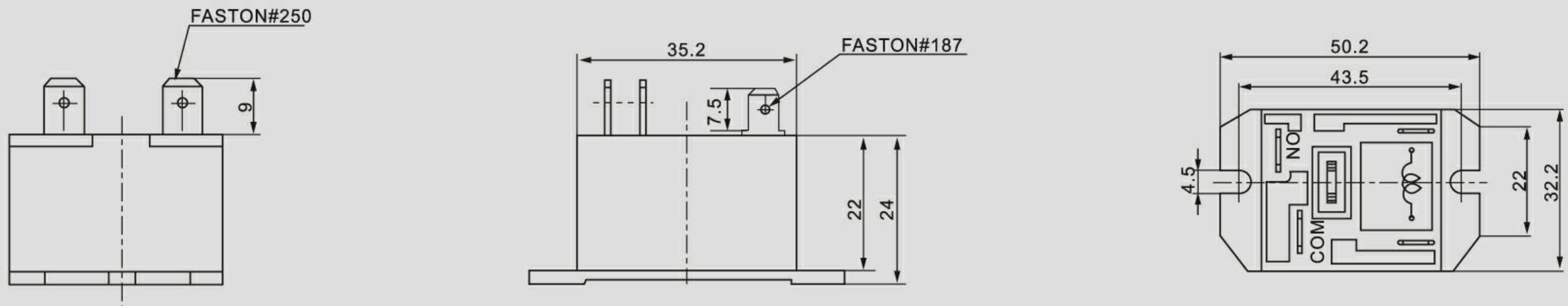
Rated coil power	1.2W
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Coil data

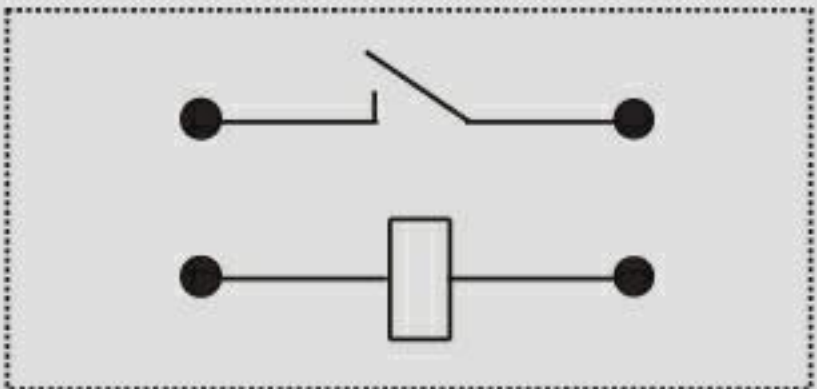
Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	3.5	0.5	20
6	4.2	0.6	30
9	6.3	0.9	67
12	8.4	1.2	120
24	16.8	2.4	480
48	33.6	4.8	1920
60	42.0	6.0	3000

Outline dimension、Mounting holes (Bottom view)、 Wiring diagram (Bottom view)

JQX-37F/T94 Outline dimension



JQX-37F/T94 Wiring diagram (Bottom view)





AS102F

Contact specification

Contact form	1H
Contact resistance	≤100mΩ (1A 6VDC)
Contact material	AgCdO AgSnO ₂
Contact capacity (resistance)	Inrush 80A(COSφ0.7)0.35S 20A steady state (COSφ0.9)

Coil specification

Rated coil power	900mW
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Coil data

Nominal voltage	Operate voltage	Release voltage	Coil resistance
VDC	VDC	VDC	Ω ± 10%
5	3.5	0.5	27.8
12	8.4	1.2	160
24	16.8	2.4	640
48	33.6	4.8	2560

Outline dimension、Mounting holes (Bottom view)、Wiring diagram (Bottom view)

AS102F Outline dimension

AS102F Mounting holes (Bottom view)

AS102F Wiring diagram (Bottom view)