

CATÁLOGO DE PRODUTOS RSE

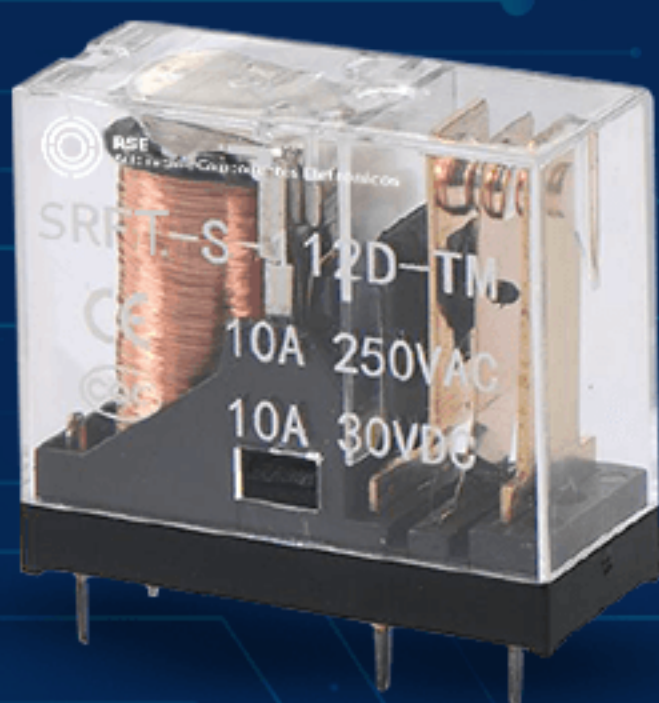
PRODUTO: **RELÉ RSFT**



RSE
Automação e Componentes Eletrônicos

RELÉ

RSFT



CONTACT DATA

Contact arrangement	1A、 1C
Contact resistance	100m Ω (at 1A 6VDC)
Contact rating – AC	1A: 10A/240VAC 1C: NO: 10A/240VAC NC: 10A/240VAC
Contact rating – DC	1A: 10A/30VDC 1C: NO: 10A/30VDC NC: 10A/30VDC
Contact material	Silver Alloy

CHARACTERISTICS

Insulation resistance	1000M Ω 500VDC
Dielectric strength	Between Coil & contact: 5000VAC, 1min. Between open contact: 1000VAC, 1min.
Operate time	15 ms
Release time	8 ms
Vibration resistance	10-55Hz, DA 1.5mm
Shock resistance	Functional: 98m/s ² ; Destructive: 980m/s ²
Humidity	35% ~ 85% RH
Ambient Temp.	-40°C ~ +85°C
- Electrical life	1 $\times$ 10 ⁵ ops
- Mechanical life	1 $\times$ 10 ⁷ ops

COIL DATA (standard power 0.54W)

Rated voltage (VDC)	Pick-up Voltage VDC (Max.)	Drop-out Voltage VDC (Min.)	Rated Current (mA $\pm$ 10%)	Coil resistance (Ω $\pm$ 10%)	Power (mW)
3	2.25	0.3	180	17	540
5	3.75	0.5	108	46	540
6	4.5	0.6	90	67	540
9	6.75	0.9	60	150	540
12	9	1.2	45	267	540
18	13.5	1.8	30	600	540
24	18	2.4	22.5	1067	540
48	36	4.8	11.2	4267	540

COIL DATA (higher power 0.72W)

Rated voltage (VDC)	Pick-up Voltage VDC (Max.)	Drop-out Voltage VDC (Min.)	Rated Current (mA $\pm$ 10%)	Coil resistance (Ω $\pm$ 10%)	Power (mW)
3	2.25	0.3	240	12.5	720
5	3.75	0.5	144	35	720
6	4.5	0.6	120	50	720
9	6.75	0.9	80	112.5	720
12	9	1.2	60	200	720
18	13.5	1.8	40	450	720
24	18	2.4	30	800	720
48	36	4.8	15	3200	720

- Notes: 1) All values unspecified are at room temperature.
- 2) Only typical loads are listed above. Other load specifications can be available upon request.
- 3) For sealed type, the vent-hole cover should be excised.

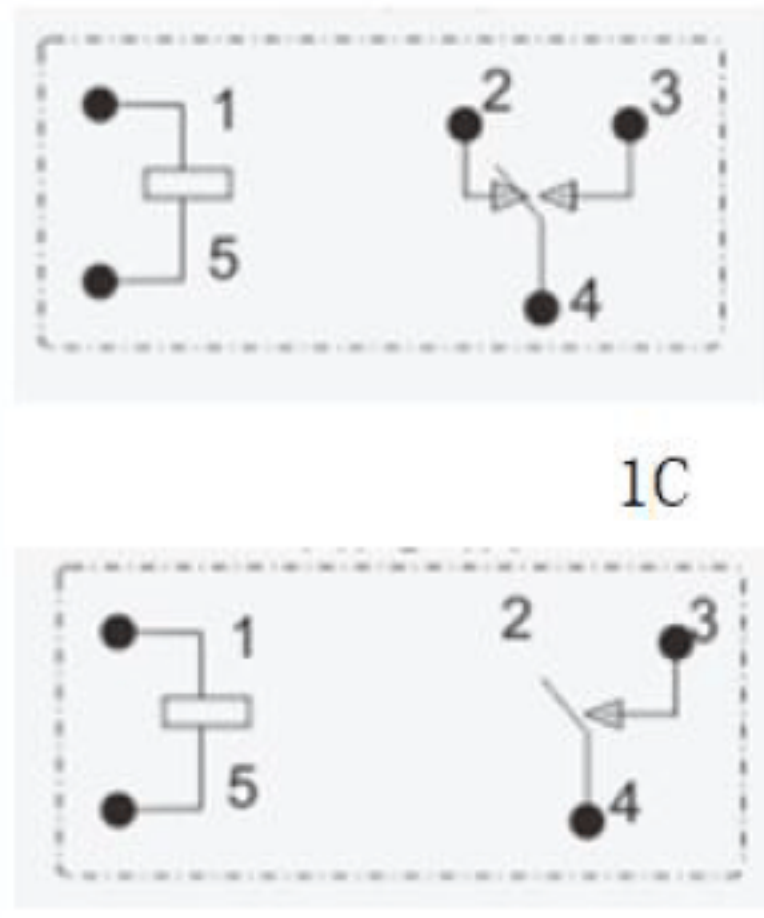
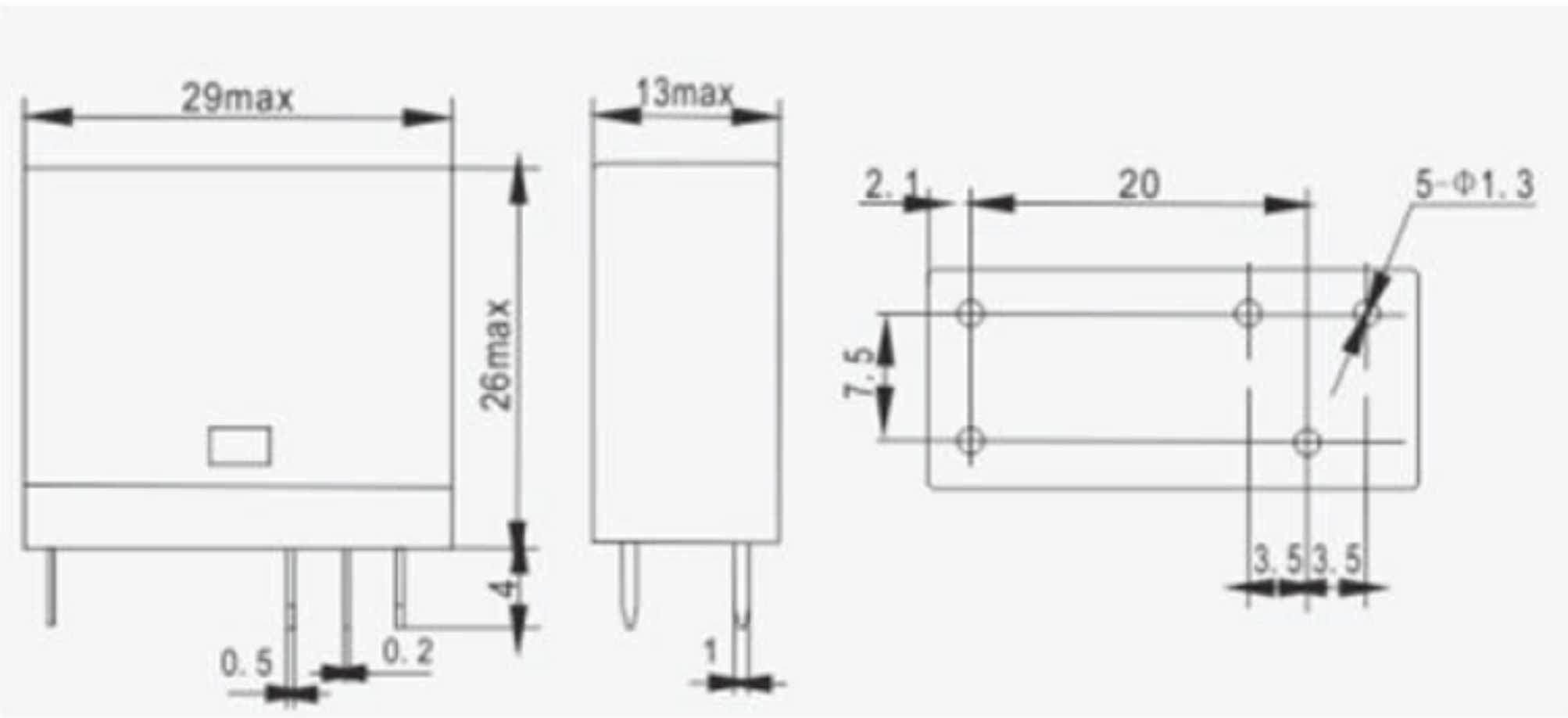
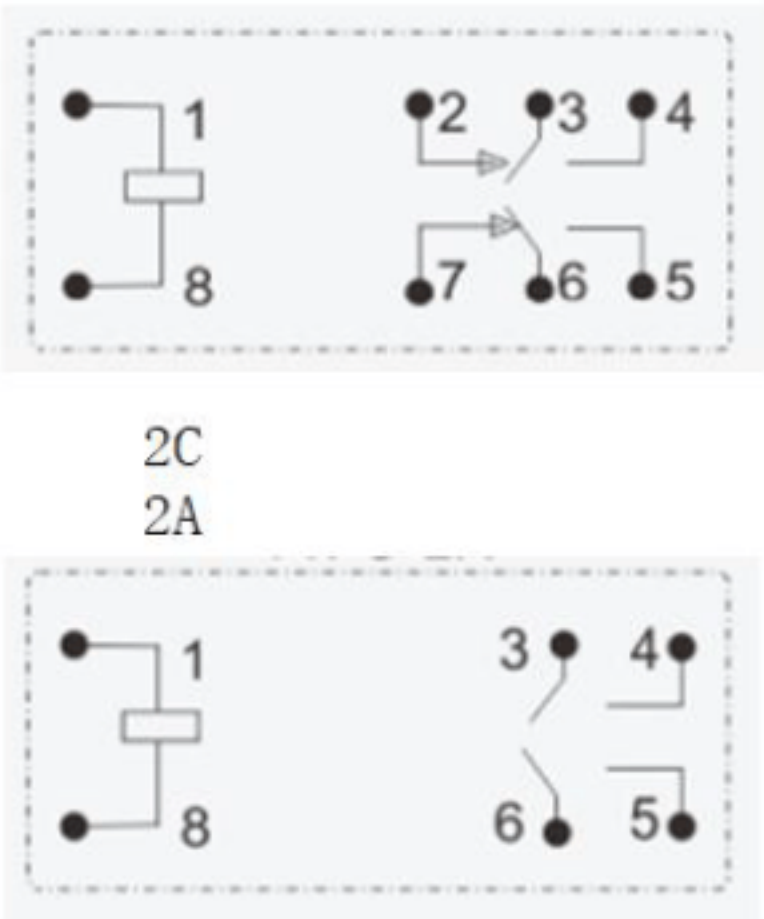
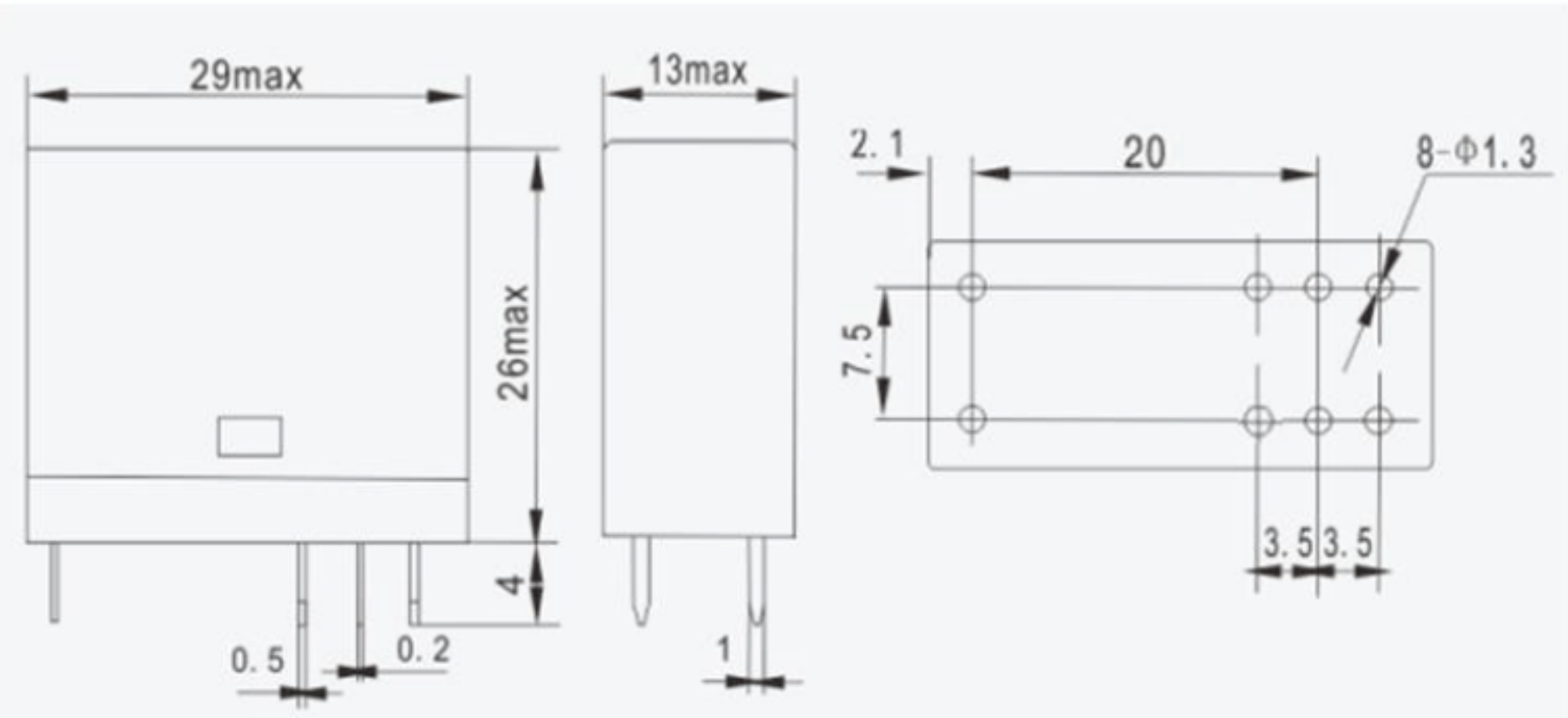
ORDERING INFORMATION

RSFT	-	<u>S</u>	-	<u>2</u>	<u>12</u>	<u>D</u>	<u>M</u>	-	<u>XX</u>
Type	Construction		Contact arrangement		Coil voltage	Coil power	Contact Form		Special code
RSFT	S-Plastic sealed		2- 2 1-1		3VDC-48VDC 6VAC-220VAC	D: DC A: AC	None: NO/NC M: NO		Customer special requirement

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT (Unit: mm)

Tolerance ±0.5

Bottom View
Tolerance ±0.1



1A

Remark:1) In case of no tolerance shown in outline dimension: outline dimension≤1mm, tolerance should be ±0.2mm; outline dimension > 1mm and ≤5mm, Tolerance should be±0.3mm; outline dimension > 5mm, tolerance should be ±0.4mm.
2) The tolerance without indicating for PCB layout is always ± 0.1mm