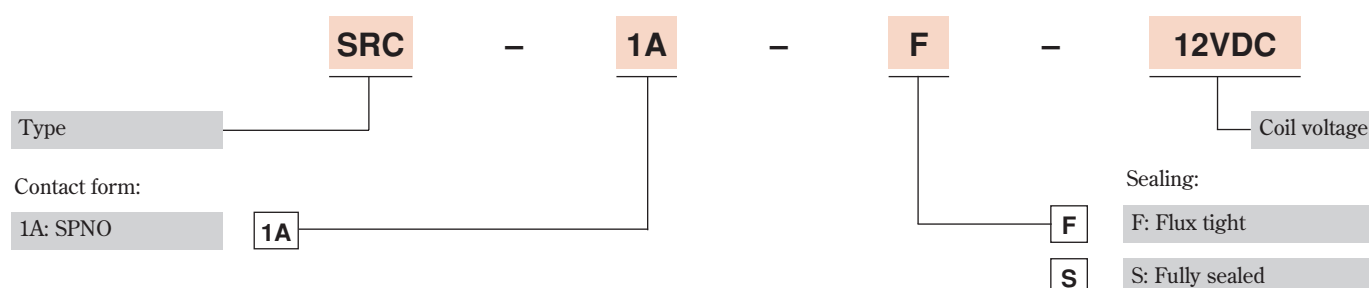


- Class B insulation approved as standard
- Flat pack 10.2mm low profile
- Flux tight or fully sealed versions available
- TV-5 rating
- UL/CSA/TUV recognised



## Options and ordering codes



## Contact rating

Contact form	1A (SPNO)
Maximum switching power	2000VA (2400VA)*/240W (300W)*
Maximum switching voltage	250VAC/30VDC
Maximum switching/carry current	10A
TV rating	TV-5

UL, CSA and TUV safety approval ratings available on request.  
 \*Ratings for 30k ops

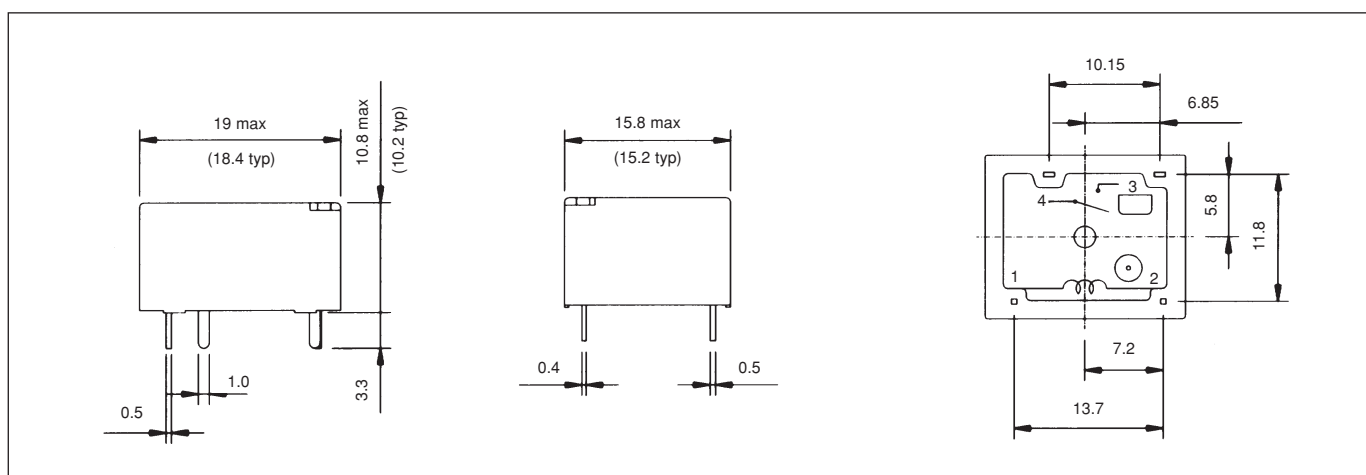
## Specifications

Contact material		Ag SnInO
Initial contact resistance		100mΩ Max
Operate time		10ms Max. (at rated voltage)
Release time		5ms Max. (at rated voltage)
Nominal operating power		Approx. 450mW
Insulation resistance		100MΩ at 500VDC
Breakdown voltage	Between coil and contacts	2500VAC (for 1 minute)
	Between open contacts	1000VAC (for 1 minute)
Vibration resistance	Operating extremes	10~50Hz, amplitude 1.0mm
	Damage limits	10~50Hz, amplitude 1.0mm
Shock resistance	Operating extremes	10G
	Damage limits	100G
Ambient temperature		-30~+60°C
Life expectancy	Mechanical	10 x 10 <sup>6</sup> operations (frequency 18,000 operations/hour)
	Electrical (at max load)	1 x 10 <sup>5</sup> operations (frequency 1,200 operations/hour)
Weight		6g

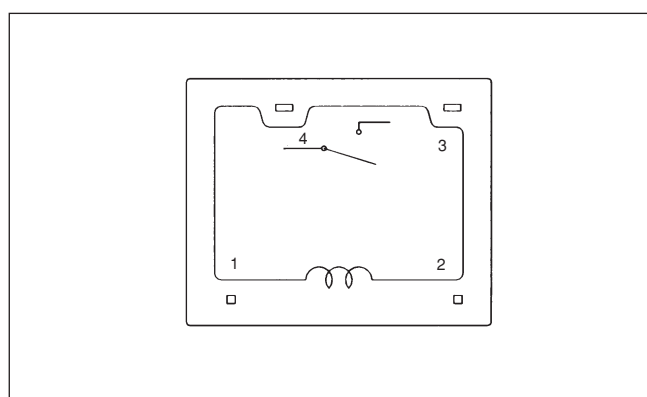
## Coil specification

Rated voltage	Rated Current $\pm 10\%$ at 25°C (mA)	Coil Resistance $\pm 10\%$ at 25°C ( $\Omega$ )	Max. continuous voltage at 25°C	Pick up voltage (Max) at 25°C	Drop out voltage (Min) at 25°C	Power consumption at rated load
3	150	20	130% of rated voltage	75% of rated voltage	5% of rated voltage	Approx. 450mW
5	90.9	55				
6	75	80				
9	50	180				
12	37.5	320				
18	25	720				
24	18.8	1280				

## Dimensions mm



## Wiring diagram



## PCB layout

