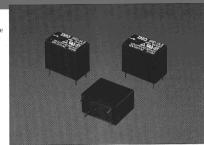
12VDC

Sealing: F: flux tight S: plastic scaled

Coil voltage



- Class B insulation approved as standard
- Flux tight or fully sealed versions available
- TV-5 rating
- UL/CSA/TUV recognised



## Options and ordering codes

	SRD	-	1A	-	F
Туре					
Contact form:					-
1A: SPNO 1	A				

### Contact rating

Contact form	1A	
Maximum switching power	1920VA (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

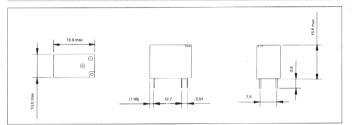
Contact material		Ag SnInO			
Initial contact resistance		100mΩ Max			
Operate time		10ms Max. (at rated voltage)			
Release time		5ms Max. (at rated voltage)			
Nominal operating power		Approx. 450mW			
Insulation resistance		100MΩ at 500VDC			
Breakdown voltage	Between coil and contacts	2500VAC (for 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	10,000,000 operations (frequency 18,000 operations/hour)			
	Electrical (at max load)	100,000 operations (frequency 1,200 operations/hour)			
Weight		6g			



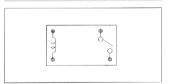
#### Coil specification

Rated voltage	Rated Current ± 10% at 25°C (mA)	Coil Resistance ± 10% at 25°C (Ω)	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				
5	90.9	55				
6	75	80	130%	75%	5%	
9	50	180	of rated	of rated	of rated	Approx. 450mW
12	37.5	320	voltage	voltage	voltage	
18	25	720				
24	18.8	1280		14 (44)		

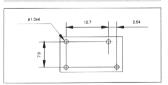
### Outline dimensions (mm)



# Wiring diagram



# PCB layout



IMO reserves the right to alter product specification without prior notice.

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