

PCB-Relay SGR 98 G

Miniature – PCB-Relay 1 pole 5A

ELESTA

Technical Data

Contact Data

Type of Contact	Single Contact	
No. of Contacts	1A	
Rated Voltage / Max. Switching Voltage	VAC / VDC	110 / 250
Rated Current	A	5
Rated Breaking Capacity (cos φ = 1)	VA	1250
Contact Material	AgNi +AU, AgCdO	

General Data

Mechanical Life	> Operations	2×10^7
Electrical Life at Rated Voltage	> Operations	1×10^4
Operate Time / Release Time	approx. in ms	10 / 5
Test Voltage Contact / Coil	$\geq VAC_{eff}$	2000
Test Voltage Contact Open	$\geq VAC_{eff}$	1000
Ambient Temperature	°C	-40...+70
Approvals	VDE, UL	
Weight	gr.	3

Coil at + 20°C

Rated Voltage	VDC	5...24
Power Consumption (DC - Coil)	approx. W	0,12 (0,18)*
Max. Actuating Voltage	VDC	$1,2 \times U_N$

* only with 24VDC coil

DC-Coil (0,12 W)

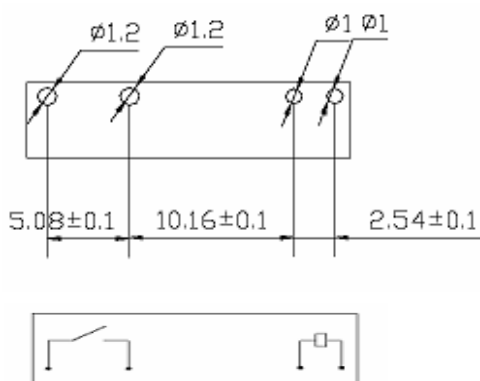
U_N (V)	R (Ohm)	U_{AN} (V)	U_{AB} (V)	I_N (mA)
5	$208 \pm 10\%$	$\leq 3,5$	$\geq 0,25$	24,0
6	$300 \pm 10\%$	$\leq 4,2$	$\geq 0,30$	20,0
9	$675 \pm 10\%$	$\leq 6,3$	$\geq 0,45$	13,3
12	$1200 \pm 10\%$	$\leq 8,4$	$\geq 0,60$	10,0
18	$2700 \pm 15\%$	$\leq 12,6$	$\geq 0,90$	6,7

DC-Coil (0,18 W)

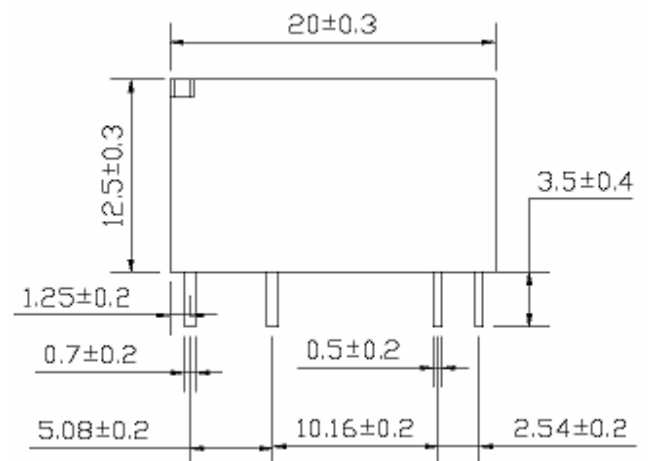
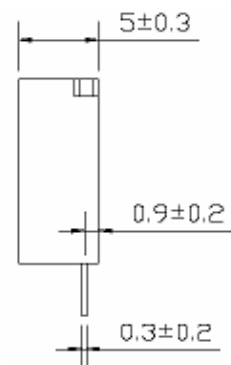
U_N (V)	R (Ohm)	U_{AN} (V)	U_{AB} (V)	I_N (mA)
24	$3200 \pm 15\%$	$\leq 16,3$	$\geq 1,20$	7,5

Other coil tensions on request.

Schematic Diagram



Dimension Diagram



View on circuit points. All measure in mm.

Order Type

