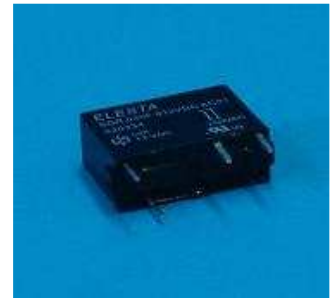


# PCB-Relay SGR 030 F

## 1 pole 5A

# ELESTA



### Technical Data

#### Contact Data

Type of Contact	Single Contact	
No. of Contacts	1A	
Rated Voltage / Max. Switching Voltage	VAC / VDC	30 / 250
Rated Current	A	5
Switching Load (Min.)	VDC / mA	5 / 10
Contact Material	AgNi +AU, AgCdO	

#### General Data

Mechanical Life	> Operations	$2 \times 10^7$
Electrical Life at Rated Voltage	> Operations	$1 \times 10^5$
Operate Time / Release Time	approx. in ms	10 / 10
Test Voltage Contact / Coil	$\geq VAC_{eff}$	3000
Test Voltage Contact Open	$\geq VAC_{eff}$	750
Ambient Temperature	°C	-25...+70
Approvals	VDE**, UL**	
Weight	gr.	3

\*\* in the pipeline

#### Coil at + 20°C

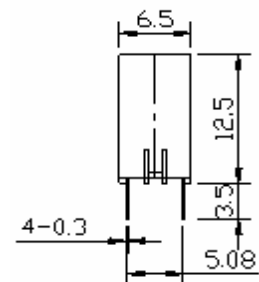
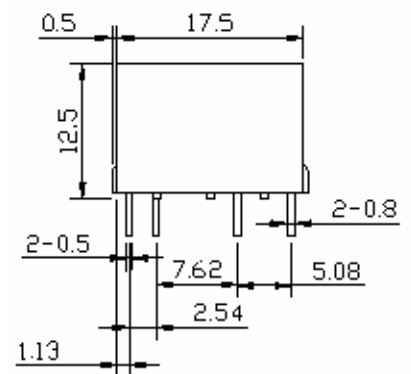
Rated Voltage	VDC	5...24
Power Consumption (DC - Coil)	approx. W	0,2
Max. Actuating Voltage	VDC	$1,3 \times U_N$

#### DC-Coil (0,2 W)

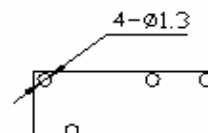
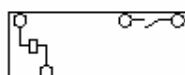
$U_N$ (V)	R (Ohm)	$U_{AN}$ (V)	$U_{AB}$ (V)	$I_N$ (mA)
5	$125 \pm 10\%$	$\leq 3,5$	$\geq 0,5$	40,0
12	$720 \pm 10\%$	$\leq 8,4$	$\geq 1,2$	16,7
24	$2880 \pm 10\%$	$\leq 16,8$	$\geq 2,4$	8,3

Other coil tensions on request.

### Dimension Diagram



### Schematic Diagram



View on circuit points. All measure in mm.

**Order Type**

