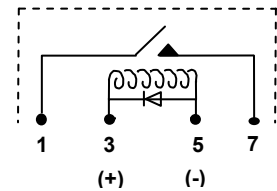


Low-current miniature hermetically sealed relay with one normally open contact. Designed for switching AC or DC signals at a frequency of 10kHz max. For communications, automation, telemetry and ATE. SIP format with a magnetic shield and protection diode compatible with TTL, Schottky and C-MOS logic control signals.

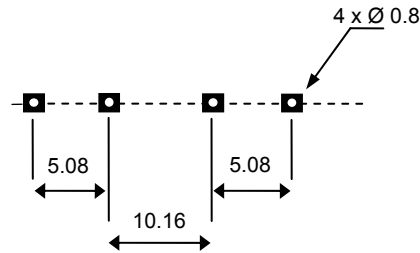
<b>Nominal voltage series, V</b>	3 / 5 / 12 / 24
<b>Operate voltage V, max</b>	2.4 / 3.2 / 8 / 16
<b>Release voltage V, min</b>	0.8 / 0.8 / 1 / 2
<b>Contact resistance Ohm, max</b>	0 / 15
<b>Operate time ms, max</b>	1
<b>Release time ms, max</b>	0.5
<b>Insulation resistance Ohm, min</b>	10E9
<b>Breakdown voltage VDC, min</b>	220
<b>Maximum switching power, W</b>	10
<b>Maximum switching voltage, V</b>	100
<b>Maximum switching current, A</b>	0.5
<b>Electrical life (as depends on switching mode), cycles</b>	5x10E5 to 1x10E7

**Circuit Diagram**

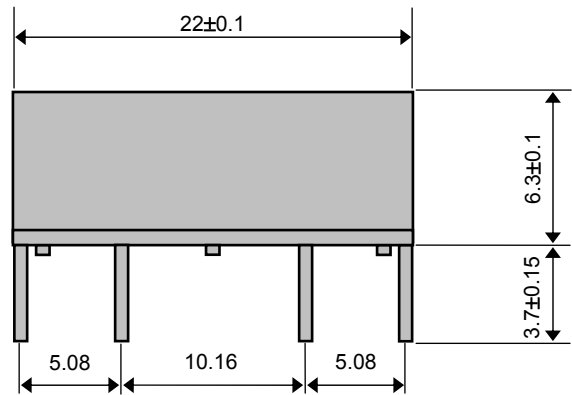


Coil Operation Data	
V nominal	R, Ohm
3	500
3	750
5	500
5	750
12	2500
24	2500

**Wiring Diagram**

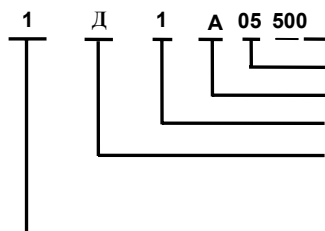


**SIP - type**



Operating Conditions	
Ambient Temp., °C	-40 / +85
Multiple mechanical shocks (2-10ms)	40g
Immunity to external magnetic fields, Oe (can be increased up to 5 Oe upon request)	2

**Order Code**



Coil resistance: see table above  
 Nominal voltage: 3V, 5V, 12V, 24V  
 Contact type: A-normally open  
 Number of contact sets

O – no diode or shield; D – with diode only; 3 – with shield only; M – with diode and shield

Type of design: 1-SIP

