

OTXV5

Auto	Relay
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Features

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- 1 form A contact form
- Outline dimensions: 28.5 X30.0X23.0

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CONTACT DATA

Contact arrangement	1A
Contact material	AgSnO ₂
Max. Operating Current	40A
Max .Operating Voltage	27VDC
Rated Load （Resistive load）	1A:40A 13.5VDC 20A 27VDC
Insulation Resistance	100MΩ
Dielectric Strength （Coil and Contact）	500VAC/M
Ambient Temperature	-40°C~+85°C
Operate/Release Time	10ms/10ms
Mechanical Life	1 X10 ⁶
Electrical Life	1 X10 ⁵
Terminal Type	Terminal

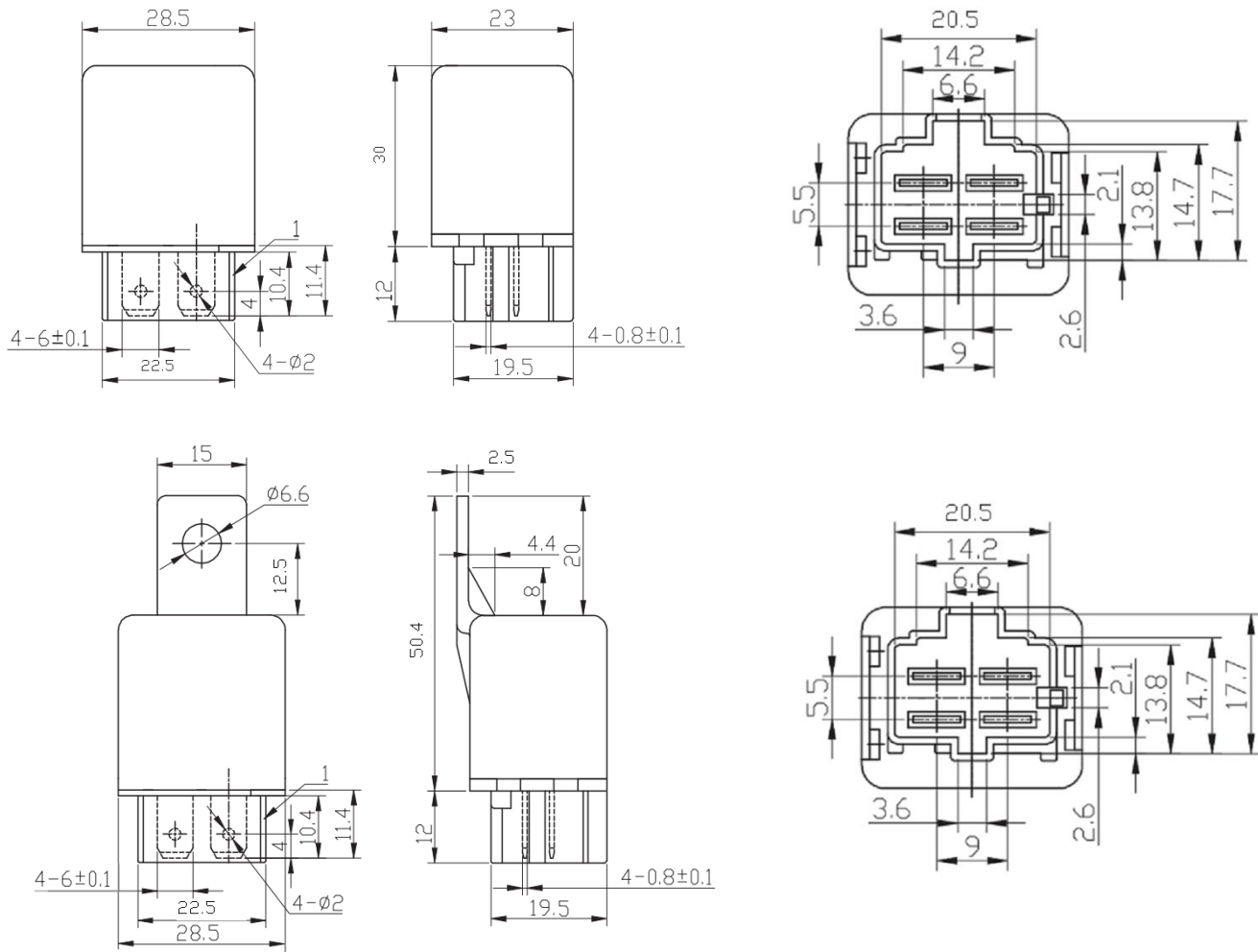
Coil Ratings

Standard	Normal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Coil resistance (Q±10%)	Parallel resistance (Q±5%)	Equivalent resistance (Q±10%)	Power consumption (W)	Maximum allowable coil voltage (VDC)	
								20 °C	85 °C
	12	8.4	1.2	90	-	-	1.6	20.2	15.7
	12	8.4	1.2	80	680	79.5	1.8	20.2	15.7
	24	16.8	2.4	360	-	-	1.6	40.5	31.5
	24	16.8	2.4	320	2700	317.6	1.8	40.5	31.5

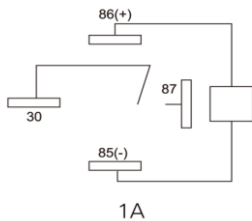
ORDERING INFORMATION

Type	OTXV5	-1A	-12V	1	-S	XX
Contact arrangement	1A:1FormA					
Coil voltage	6V, 12V, 24V					
Shell Type	1: all sides smooth (no installation frame) 3: plastic backrest					
Coil Parallel Components	R Parallel transient suppression resistance (680 ω 12V) (2700 ω 24V) D1 parallel transient suppression diode with 86 pins connected to the positive pole of the secondary tube D2 parallel transient suppression diode, positive diode connected to 85 pin					

EXTERNAL DIMENSIONS



Notes : (1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.



This specification is for reference only, the actual use is subject to the sample, all relays meet ROHS requirements, if there is any change will not be notified.

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