

AZ7707

COIL VOLTAGE SPECIFICATIONS

Standard Coil

Nominal Coil VDC	Must Operate VDC	Max. Continuous VDC	Resistance Ohm $\pm 10\%$
3	2.1	3.9	20
5	3.5	6.5	55
6	4.2	7.8	80
9	6.3	11.7	180
12	8.4	15.6	320
18	12.6	23.4	720
24	16.8	31.2	1280
48	33.6	62.4	5120

Sensitive Coil

Nominal Coil VDC	Must Operate VDC	Max. Continuous VDC	Resistance Ohm $\pm 10\%$
3	2.25	3.9	45
5	3.75	6.5	125
6	4.5	7.8	180
9	6.75	11.7	400
12	9.0	15.6	720
18	13.5	23.6	1600
24	18.0	31.2	2800

ORDERING DATA

Standard Version

AZ7707-1AE--D (XXX)

Special Code

Additional numbers or letters do not designate construction features or ratings

Dielectric Strength

R: 4000VAC (coil to contact)

Insulation System

nil: standard version
F: Class F 155°C version

Sealing option

nil: non sealed (RTII)
E: sealed (RTIII)

Coil option

nil: standard coil
S: sensitive coil

Nominal Coil Voltage

see coil voltage specifications table

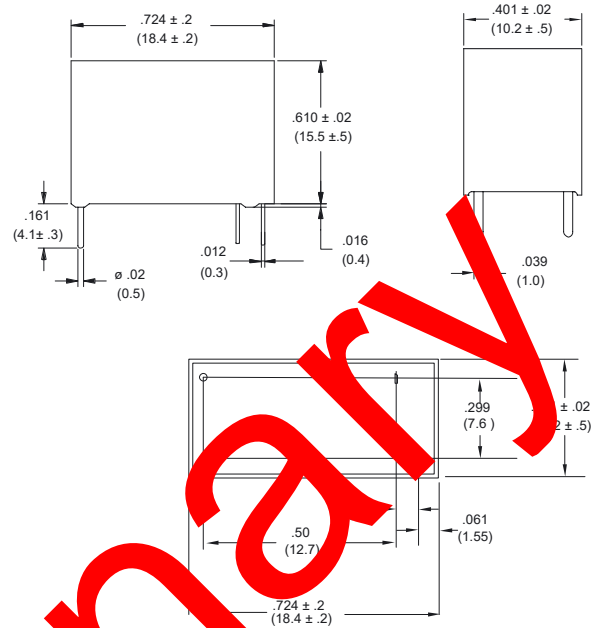
Contact Arrangement

1 Form C (SPST)

Basic Series

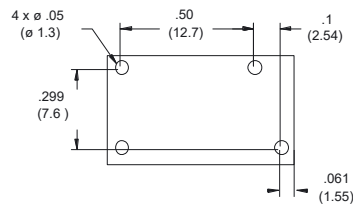
AZ7707: Standard Version (3/5A)
AZ7707: High capacity version (8/10A)

MECHANICAL DATA

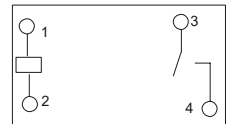


Dimensions in inches with metric equivalents in parentheses. Tolerance: $\pm .010$ "

PCB FOOTPRINT / WIRING DIAGRAM



Viewed toward terminals



Viewed toward terminals

- All values at 23°C (73°F).
- Relay may pull in with less than "Must Operate" value.
- Provide sufficient PCF cross section as heat spreader on terminals.
- Specifications subject to change without notice.
- The sealed type product only ensures that the product is sealed when leaving the factory. Depending on the customer's use, it may cause the product to become breathable.

AZ770

DISCLAIMER

This product specification is to be used in conjunction with the application notes which can be downloaded from the regional ZETTLER relay websites. The specification provides an overview of the most significant part features. Any individual applications and operating conditions are not taken into consideration. It is recommended to test the product under application conditions. Responsibility for the application remains with the customer. Proper operation and service life cannot be guaranteed if the part is operated outside the specified limits.

ZETTLER GROUP

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