

AZ880

RELAY ORDERING DATA

AZ880

| COIL SPECIFICATIONS - 1 FORM A AND 1 FORM A/1 FORM B | | | | ORDER NUMBER* | |
|--|-------------------|---------------------|----------------------------|---------------|----------------------|
| Nominal Coil VDC | Must. Operate VDC | Max. Continuous VDC | Coil Resistance $\pm 10\%$ | 1 Form A | 1 Form A 1 Form B |
| 3 | 2.1 | 5.8 | 45 | AZ880-1A-3D | AZ880-1AB-3D |
| 5 | 3.5 | 9.7 | 125 | AZ880-1A-5D | AZ880-1AB-5D |
| 6 | 4.2 | 11.6 | 180 | AZ880-1A-6D | AZ880-1AB-6D |
| 9 | 6.3 | 17.4 | 405 | AZ880-1A-9D | AZ880-1AB-9D |
| 12 | 8.4 | 23.2 | 720 | AZ880-1A-12D | AZ880-1AB-12D |
| 24 | 16.8 | 46.5 | 2880 | AZ880-1A-24D | AZ880-1AB-24D |

*Add "E" after "1A" or "1AB" for Silver Tin Oxide contacts. Add suffix "A" for gold plated contacts. Add suffix "R" for reversed polarity coil. Add suffix "E" for epoxy sealed version.

AZ880

| COIL SPECIFICATIONS - 2 FORM A | | | | ORDER NUMBER* | |
|--------------------------------|-------------------|---------------------|----------------------------|---------------|--|
| Nominal Coil VDC | Must. Operate VDC | Max. Continuous VDC | Coil Resistance $\pm 10\%$ | 2 Form A | |
| 3 | 2.1 | 4.9 | 32.1 | AZ880-2A-3D | |
| 5 | 3.5 | 8.2 | 89.3 | AZ880-2A-5D | |
| 6 | 4.2 | 9.8 | 129 | AZ880-2A-6D | |
| 9 | 6.3 | 14.7 | 289 | AZ880-2A-9D | |
| 12 | 8.4 | 19.6 | 514 | AZ880-2A-12D | |
| 24 | 16.8 | 39.3 | 2056 | AZ880-2A-24D | |

*Add "E" after "2A" for Silver Tin Oxide contacts. Add suffix "A" for gold plated contacts. Add suffix "R" for reversed polarity coil. Add suffix "E" for epoxy sealed version.

AZ880P1

| COIL SPECIFICATIONS - SINGLE COIL LATCHING | | | | ORDER NUMBER* | | |
|--|-------------------|---------------------|----------------------------|----------------|----------------|----------------------|
| Nominal Coil VDC | Must. Operate VDC | Max. Continuous VDC | Coil Resistance $\pm 10\%$ | 1 Form A | 2 Form A | 1 Form A 1 Form B |
| 3 | 2.1 | 5.8 | 45 | AZ880P1-1A-3D | AZ880P1-2A-3D | AZ880P1-1AB-3D |
| 5 | 3.5 | 9.7 | 125 | AZ880P1-1A-5D | AZ880P1-2A-5D | AZ880P1-1AB-5D |
| 6 | 4.2 | 11.6 | 180 | AZ880P1-1A-6D | AZ880P1-2A-6D | AZ880P1-1AB-6D |
| 9 | 6.3 | 17.4 | 405 | AZ880P1-1A-9D | AZ880P1-2A-9D | AZ880P1-1AB-9D |
| 12 | 8.4 | 23.2 | 720 | AZ880P1-1A-12D | AZ880P1-2A-12D | AZ880P1-1AB-12D |
| 24 | 16.8 | 46.5 | 2880 | AZ880P1-1A-24D | AZ880P1-2A-24D | AZ880P1-1AB-24D |

*Add "E" after "1A" or "2A" or "1AB" for Silver Tin Oxide contacts. Add suffix "A" for gold plated contacts. Add suffix "R" for reversed polarity coil. Add suffix "E" for epoxy sealed version.

AZ880P2

| COIL SPECIFICATIONS - DUAL COIL LATCHING | | | | ORDER NUMBER* | | |
|--|-------------------|---------------------|----------------------------|----------------|----------------|----------------------|
| Nominal Coil VDC | Must. Operate VDC | Max. Continuous VDC | Coil Resistance $\pm 10\%$ | 1 Form A | 2 Form A | 1 Form A 1 Form B |
| 3 | 2.1 | 4.9 | 32.1 | AZ880P2-1A-3D | AZ880P2-2A-3D | AZ880P2-1AB-3D |
| 5 | 3.5 | 8.2 | 89.3 | AZ880P2-1A-5D | AZ880P2-2A-5D | AZ880P2-1AB-5D |
| 6 | 4.2 | 9.8 | 129 | AZ880P2-1A-6D | AZ880P2-2A-6D | AZ880P2-1AB-6D |
| 9 | 6.3 | 14.7 | 289 | AZ880P2-1A-9D | AZ880P2-2A-9D | AZ880P2-1AB-9D |
| 12 | 8.4 | 19.6 | 514 | AZ880P2-1A-12D | AZ880P2-2A-12D | AZ880P2-1AB-12D |
| 24 | 16.8 | 39.3 | 2056 | AZ880P2-1A-24D | AZ880P2-2A-24D | AZ880P2-1AB-24D |

*Add "E" after "1A" or "2A" or "1AB" for Silver Tin Oxide contacts. Add suffix "A" for gold plated contacts. Add suffix "R" for reversed polarity coil. Add suffix "E" for epoxy sealed version.

AMERICAN ZETTLER, INC.

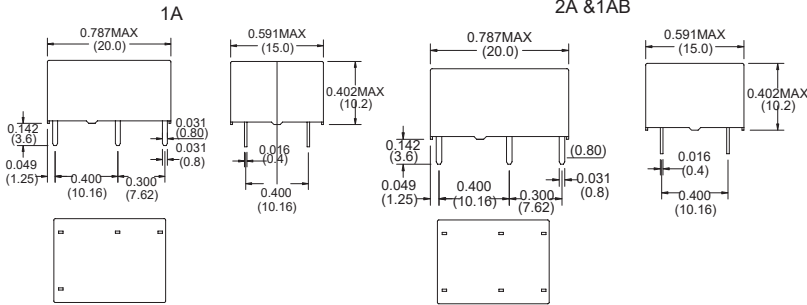
8/15/2017

AZ880

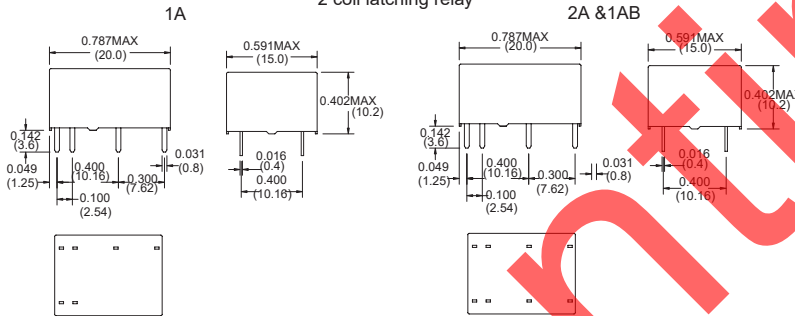
MECHANICAL DATA

Outline Dimensions

Single side stable or 1 coil latching relay

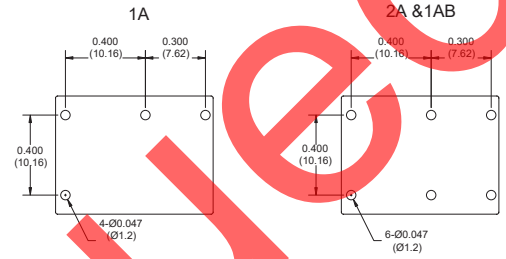


2 coil latching relay

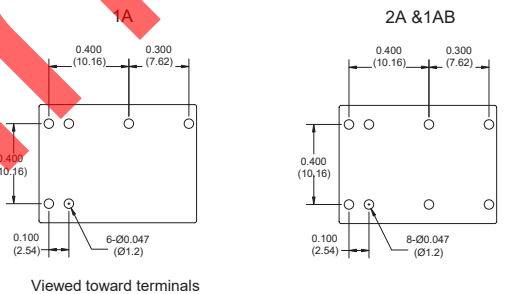


PC Board Layout

Single side stable or 1 coil latching relay



2 coil latching relay



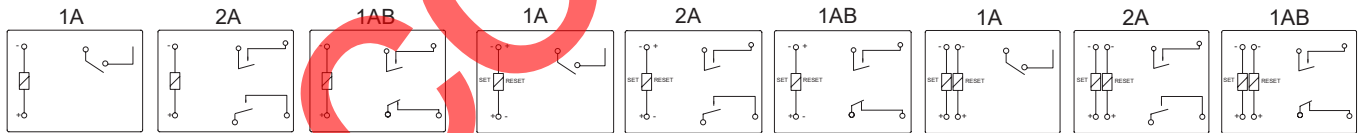
Viewed toward terminals

Wiring Diagram

Single side stable

1 coil latching relay

2 coil latching relay



Viewed toward terminals. Relays shown in de-energized or reset state.

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