



(Bottom view)

Click [here](#) for the 3D model.

#### General Information

|             |  |
|-------------|--|
| Series      | UA2  |
| Style       | Through-Hole   |
| Description | Miniature Signal Relay, Non-latch<br>Low Power Consumption |
| Features    | Super-Compact Size, Flat-Package                           |
| RoHS        | Yes  |
| Coil Type   | Single Coil (Non-Latching)                                 |

#### Dimensions

|    |                 |
|----|-----------------|
| H  | 8mm +/-0.3mm    |
| L  | 10.6mm +/-0.3mm |
| W  | 5.7mm +/-0.3mm  |
| LL | 3.4mm NOM       |
| S  | 3.2mm +/-0.15mm |
| S1 | 2.2mm +/-0.15mm |
| F  | 0.4mm +/-0.1mm  |
| F1 | 0.2mm +/-0.1mm  |

#### Packaging Specifications

|           |      |
|-----------|------|
| Packaging | Tube |
|-----------|------|

#### Specifications

|                         |                                      |
|-------------------------|--------------------------------------|
| Temperature Range       | -40/+85°C                            |
| Coil Voltage            | 3 V                                  |
| Contact Form            | 2 Form C (DPDT)                      |
| Switching Current       | 1 A                                  |
| Coil Resistance         | 90 Ohms +/-10%                       |
| Contact Material        | Silver alloy with gold alloy overlay |
| Voltage Characteristics | 2.4 (Operate) / 0.3 (Release)        |
| Power                   | 100 mW                               |
| Switching Power         | 30 W, 37.5 VA                        |
| Switching Voltage DC    | 220 V                                |
| Switching Voltage AC    | 250 VAC                              |
| Contact Current Class   | >10A                                 |
| Carrying Current        | 1 Amps                               |
| Contact Resistance      | 100 mOhms                            |
| Operation Time          | Approximately 2ms                    |
| Release Time            | Approximately 1ms                    |
| Insulation Resistance   | 1 GOhms                              |
| Withstanding Voltage    | 1000 VAC (1min) 1500 V Surge         |

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