



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

**General Information**

|             |   |
|-------------|---|
| Series      | EC2   |
| Style       | Through-Hole  |
| Description | Miniature Signal Relay, Double Coil Latch   |
| Features    | Compact and light weight. FCC (1500 V) and Telcordia (2500 V) surge capacity. UL recognized and CSA certified. Low power consumption (100-200 mW). ND type (High insulation). NKX type (High breakdown voltage) can withstand 1.5KVAC at open contacts. |
| RoHS        | Yes   |
| Coil Type   | Double Coil (Latching)  |

**Dimensions**

|    |                 |
|----|-----------------|
| H  | 9.4mm MAX       |
| L  | 15mm MAX        |
| W  | 7.5mm MAX       |
| LL | 3.2mm +/-0.2mm  |
| S  | 5.08mm +/-0.2mm |
| S1 | 2.54mm +/-0.2mm |
| F  | 0.5mm +/-0.2mm  |
| F1 | 0.25mm +/-0.1mm |

**Packaging Specifications**

|           |      |
|-----------|------|
| Packaging | Bulk |
|-----------|------|

**Specifications**

|                         |                                      |
|-------------------------|--------------------------------------|
| Temperature Range       | -40/+85°C                            |
| Coil Voltage            | 3 V                                  |
| Contact Form            | 2 Form C (DPDT)                      |
| Switching Current       | 2 A                                  |
| Coil Resistance         | 64.3 Ohms +/-10%                     |
| Contact Material        | Silver alloy with gold alloy overlay |
| Voltage Characteristics | 2.25 (Set/Reset)                     |
| Power                   | 140 mW                               |
| Switching Power         | 60 W, 125 VA                         |
| Switching Voltage DC    | 220 V                                |
| Switching Voltage AC    | 250 VAC                              |
| Contact Current Class   | >10A                                 |
| Carrying Current        | 2 Amps                               |
| Contact Resistance      | 75 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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