



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

| General Information |                                   |
|---------------------|-----------------------------------|
| Series              | UD2                               |
| Style               | SMD                               |
| Description         | Miniature Signal Relay, Non-latch |
| Features            | Super-Compact Size, Flat-Package  |
| RoHS                | Yes                               |
| Coil Type           | Single Coil (Non-Latching)        |

| Dimensions |                  |
|------------|------------------|
| H          | 5.45mm MAX       |
| L          | 10.6mm +/-0.3mm  |
| W          | 6.5mm +/-0.3mm   |
| LL         | 0.25mm NOM       |
| S          | 5.08mm +/-0.15mm |
| S1         | 2.2mm +/-0.15mm  |
| F          | 0.8mm +/-0.1mm   |
| F1         | 1.86mm +/-0.1mm  |

| Packaging Specifications |     |
|--------------------------|-----|
| Packaging                | T&R |

| Specifications          |                                      |
|-------------------------|--------------------------------------|
| Temperature Range       | -40/+85°C                            |
| Coil Voltage            | 5 V                                  |
| Contact Form            | 2 Form C (DPDT)                      |
| Switching Current       | 1 A                                  |
| Coil Resistance         | 178 Ohms +/-10%                      |
| Contact Material        | Silver alloy with gold alloy overlay |
| Voltage Characteristics | 3.75 (Operate) / 0.5 (Release)       |
| Power                   | 140 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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