



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

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

| Dimensions | |
|------------|------------------|
| H | 6mm MAX |
| L | 10.6mm +/-0.3mm |
| W | 6.5mm +/-0.3mm |
| LL | 0.6mm NOM |
| S | 5.08mm +/-0.15mm |
| S1 | 2.2mm +/-0.15mm |
| F | 0.8mm +/-0.1mm |
| F1 | 2.66mm +/-0.1mm |

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

| Specifications | |
|-------------------------|--------------------------------------|
| Temperature Range | -40/+70°C |
| Coil Voltage | 5 V |
| Contact Form | 2 Form C (DPDT) |
| Switching Current | 1 A |
| Coil Resistance | 250 Ohms +/-10% |
| Contact Material | Silver alloy with gold alloy overlay |
| Voltage Characteristics | 4 (Operate) / 0.5 (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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