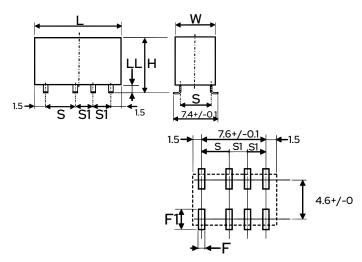
## **UB2-5NEN**

KEMET, UB2, Relays, Signal





| General Information |  |
|---------------------|--|
| Series              | UB2  |
| Style               | SMD  |
| Description         | Miniature Signal Relay, Non-latch<br>Low Power Consumption |
| Features            | Super-Compact Size, Flat-<br>Package                       |
| RoHS                | Yes  |
| Coil Type           | Single Coil (Non-Latching)                                 |

Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Н          | 9mm MAX         |
| L          | 10.6mm +/-0.3mm |
| W          | 5.7mm +/-0.3mm  |
| LL         | 1.2mm NOM       |
| S          | 3.2mm +/-0.15mm |
| S1         | 2.2mm +/-0.15mm |
| F          | 0.8mm +/-0.1mm  |
| F1         | 2.25mm +/-0.1mm |
|            |                 |

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

| Specifications          |                                      |
|-------------------------|--------------------------------------|
| Temperature Range       | -40/+85°C                            |
| Coil Voltage            | 5 V                                  |
| Contact Form            | 2 Form C (DPDT)                      |
| Switching Current       | 1A                                   |
| Coil Resistance         | 250 Ohms +/-10%                      |
| Contact Material        | Silver alloy with gold alloy overlay |
| Voltage Characteristics | 3.75 (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   | 1GOhms                               |
| Withstanding Voltage    | 1000 VAC (1min) 1500 V Surge         |
|                         |                                      |

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