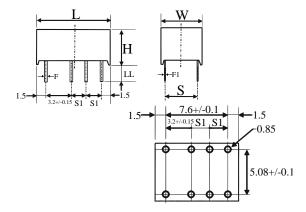
## KEMET Part Number: UC2-4.5NU

(USRUC20450NU00)

## KEMET, UC2, Relays, Signal



| Dimensions |                  |
|------------|------------------|
| L          | 10.6mm +/-0.3mm  |
| W          | 6.5mm +/-0.3mm   |
| Н          | 5.3mm +/-0.3mm   |
| LL         | 3.4mm +/-0.3mm   |
| S          | 5.08mm +/-0.15mm |
| S1         | 2.2mm +/-0.15mm  |
| F          | 0.4mm +/-0.1mm   |
| F1         | 0.2mm +/-0.1mm   |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging:               | Bulk |  |

| General Information |                                      |  |
|---------------------|--------------------------------------|--|
| Series:             | UC2                                  |  |
| Style:              | Through-Hole                         |  |
| Description:        | Miniature Signal Relay, Non-latch    |  |
| Features:           | Super-Compact Size, Flat-<br>Package |  |
| RoHS:               | Yes                                  |  |
| Coil Type:          | Single Coil (Non-Latching)           |  |

**Electronic Components** 

KEMF

| Specifications           |   |  |
|--------------------------|---|--|
| Temperature Range:       | -40/+85°C                               |  |
| Coil Voltage:            | 4.5 V                                   |  |
| Coil Resistance:         | 145 Ohms +/-10%                         |  |
| Contact Form:            | 2 Form C (DPDT)                         |  |
| Contact Material:        | Silver Alloy With Gold Alloy<br>Overlay |  |
| Voltage Characteristics: | 3.38 (Operate) / 0.45 (Release)         |  |
| Switching Power:         | 30 W, 37.5 VA                           |  |
| Switching Voltage DC:    | 220 V                                   |  |
| Switching Voltage AC:    | 250 VAC                                 |  |
| Switching Current:       | 1 A                                     |  |
| 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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