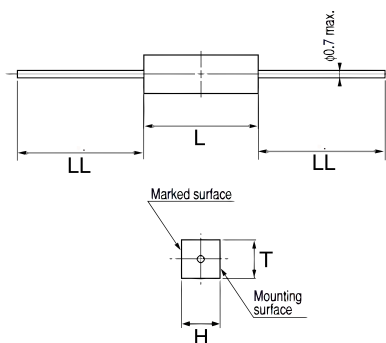


**KEMET Part Number: OHD1-80B**  
(USEO180B000000)

KEMET, OHD, Thermal Reed Switch, Axial, 5C Temperature Accuracy, High Reliability, High-Speed Response, Long Operational Life, Excellent Environmental Durability, High Temperature Accuracy, 80°C, Break



**Dimensions**

|    |        |
|----|--------|
| L  | 18mm   |
| H  | 5.5mm  |
| T  | 5.6mm  |
| LL | 13.5mm |

**Packaging Specifications**

|                     |           |
|---------------------|-----------|
| Packaging:          | Tray, Box |
| Packaging Quantity: | 1200      |
| Weight:             | 1.4 g     |

**General Information**

|              |                                                                                                                             |
|--------------|-----------------------------------------------------------------------------------------------------------------------------|
| Series:      | OHD                                                                                                                         |
| Type:        | Thermal Reed Switch                                                                                                         |
| Style:       | Axial                                                                                                                       |
| Description: | Thermal Guard                                                                                                               |
| Features:    | High Reliability, High-Speed Response, Long Operational Life, Excellent Environmental Durability, High Temperature Accuracy |
| Lead:        | Wire Leads                                                                                                                  |
| RoHS:        | Yes                                                                                                                         |

**Specifications**

|                              |                                                                             |
|------------------------------|-----------------------------------------------------------------------------|
| Switching Temperature:       | 80C +/-5C                                                                   |
| Temperature Range:           | -20/+150C                                                                   |
| Contact Type:                | Break                                                                       |
| Voltage DC:                  | 110 VDC MAX (Opening/Closing), 2500 VAC/1 minute or 3000 VAC/1 second       |
| Voltage AC:                  | 110 VAC MAX (Opening/Closing)                                               |
| Current:                     | 0.3 Amps AC/DC MAX (Opening/Closing), 0.1 mAmps MIN (1VDC, Opening/Closing) |
| Resistance:                  | 150 mOhms MAX (Contact Resistance)                                          |
| Max Opening/Closing Power:   | 6 W (AC/DC)                                                                 |
| Max Opening/Closing Voltage: | 110 V (AC/DC)                                                               |
| Differential Temperature:    | 10C Maximum                                                                 |