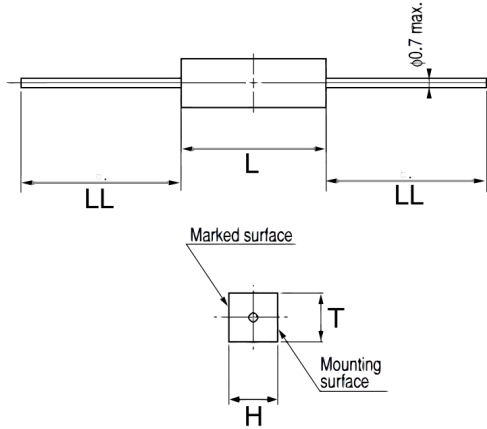


## OHD1-80B

Aliases (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



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

### Dimensions

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

### Packaging Specifications

|                          |           |
|--------------------------|-----------|
| Packaging                | Tray, Box |
| Packaging Quantity       | 1200      |
| Typical Component 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   |
| REACH          | Yes   |
| Qualifications | UL, CSA, TUV  |

### Specifications

|                             |   |
|-----------------------------|---|
| Switching Temperature       | 80C +/-5C   |
| Temperature Range           | -20/+150°C  |
| 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) |
| ESR                         | 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   |