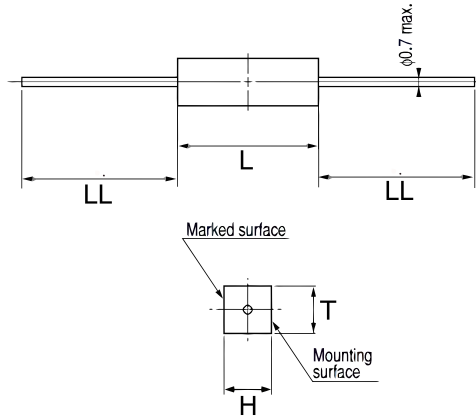


## OHD1-45B

Aliases (USEO145B000000)

KEMET, OHD, Thermal Reed Switch, Axial, 5C Temperature Accuracy, High Reliability, High-Speed Response, Long Operational Life, Excellent Environmental Durability, High Temperature Accuracy, 45°C, Break



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

### 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 Temp.             | 45C +/-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       |
| 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 (AC/DC)                                                                   |
| Max Opening/Closing Voltage | 110 (AC/DC)                                                                 |
| Differential Temperature    | 10C Maximum                                                                 |

### 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     |

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