

## TRS5-45BLRU

Aliases (USEG45BLR00000)

KEMET, TRS, Thermal Reed Switch, Axial, 2.5C 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.

### Dimensions

|    |           |
|----|-----------|
| D  | 8.2mm MAX |
| L  | 50mm MAX  |
| L2 | 29mm MAX  |
| T  | 20mm MAX  |
| LL | 200mm NOM |

### Packaging Specifications

|                    |                |
|--------------------|----------------|
| Packaging          | Rubberband Box |
| Packaging Quantity | 600            |
| Component Weight   | 8.5 g          |

### General Information

|             |   |
|-------------|---|
| Series      | TRS   |
| Type        | Thermal Reed Switch   |
| Style       | Axial   |
| Description | Thermal Reed Switch   |
| Features    | High Reliability, High-Speed Response, Long Operational Life, Excellent Environmental Durability, High Temperature Accuracy |
| Lead        | Cables  |
| RoHS        | Yes   |
| REACH       | Yes   |

### Specifications

|                             |  |
|-----------------------------|--|
| Switching Temperature       | 45C +/-2.5C  |
| Temperature Range           | -20/+130°C   |
| Contact Type                | Break  |
| Voltage AC                  | 140 VAC MAX (Opening/Closing)  |
| Current                     | 0.5 Amps AC MAX (Opening/Closing), 1 mAmps MIN (5VDC, Opening/Closing) |
| Resistance                  | 150 mOhms MAX (Contact Resistance)                                     |
| Max Opening/Closing Power   | 50 W (AC/DC)   |
| Max Opening/Closing Voltage | 140 V (AC)   |
| Differential Temperature    | 10C Maximum  |