

## M-TRS5-100B

Aliases (USEI100B000000)

KEMET, TRS, Thermal Reed Switch, Axial, 2.5C Temperature Accuracy, High Reliability, High-Speed Response, Long Operational Life, Excellent Environmental Durability, High Temperature Accuracy, 100°C, Break



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

### Dimensions

|   |            |
|---|------------|
| D | 8.8mm NOM  |
| L | 57.5mm MAX |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Tray, Box |
| Packaging Quantity | 1000      |
| Component Weight   | 4.1g      |

### 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        | Wire Leads  |
| RoHS        | Yes   |

### Specifications

|                             |  |
|-----------------------------|--|
| Switching Temperature       | 100C +/-2.5C   |
| Temperature Range           | -20/+150°C   |
| Contact Type                | Break  |
| Voltage DC                  | 200 VDC MAX (Opening/Closing), 1000 VAC/1 minute or 1200 VAC/1 second      |
| Voltage AC                  | 140 VAC MAX (Opening/Closing)  |
| Current                     | 0.55 Amps AC/DC MAX (Opening/Closing), 1 mAmps MIN (5VDC, Opening/Closing) |
| Resistance                  | 150 mOhms MAX (Contact Resistance)   |
| Max Opening/Closing Power   | 60.5 W (AC/DC); 10 W (DC)  |
| Max Opening/Closing Voltage | 140 V (AC); 200 V (DC)   |
| Differential Temperature    | 10C Maximum  |