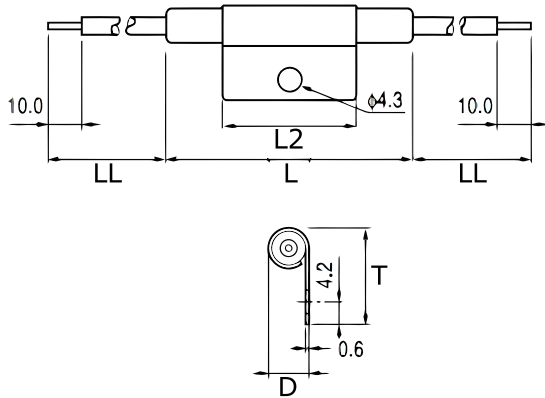


## TRS1-100MLR00V

Aliases (USEC100MLR0000)

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, Make



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

### 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                                                                                                                         |

### Dimensions

|    |            |
|----|------------|
| D  | 7.65mm NOM |
| L  | 54mm NOM   |
| L2 | 34mm NOM   |
| T  | 18.8mm MAX |
| LL | 200mm NOM  |

### Packaging Specifications

|                          |                |
|--------------------------|----------------|
| Packaging                | Rubberband Box |
| Packaging Quantity       | 500            |
| Typical Component Weight | 8.5 g          |

### Specifications

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| Switching Temp.             | 100C +/-2.5C                                                             |
| Temperature Range           | -20/+130°C                                                               |
| Contact Type                | Make                                                                     |
| Voltage DC                  | 200 VDC MAX (Opening/Closing), 1500 VAC/1 minute or 1800 VAC/1 second    |
| Current                     | 0.045 Amps AC MAX (Opening/Closing), 1 mAmps MIN (5VDC, Opening/Closing) |
| ESR                         | 150 mOhms MAX (Contact Resistance)                                       |
| Max Opening/Closing Power   | 10 (AC)                                                                  |
| Max Opening/Closing Voltage | 220 (AC)                                                                 |
| Differential Temperature    | 10C Maximum                                                              |

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