

TRS5-100BSR01E

Aliases (USEE100BSR01E0)

KEMET, TRS, Thermal Reed Switch, Radial, 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 | 8.1mm NOM |
| L | 43mm NOM |
| LL | 200mm NOM |

Packaging Specifications

| | |
|--------------------|----------------|
| Packaging | Rubberband Box |
| Packaging Quantity | 500 |
| Component Weight | 6.6 g |

General Information

| | |
|-------------|---|
| Series | TRS |
| Type | Thermal Reed Switch |
| Style | Radial |
| 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 | 100C +/-2.5C |
| Temperature Range | -20/+100°C |
| Contact Type | Break |
| Voltage DC | 200 VDC MAX (Opening/Closing), 1500 VAC/1 minute or 1800 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 | 300 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 |