

TRS5-80BSR01E

Aliases (USEE80BSR01E00)

KEMET, TRS, Thermal Reed Switch, Radial, 2.5°C Temperature Accuracy, High Reliability, High-Speed Response, Long Operational Life, Excellent Environmental Durability, High Temperature Accuracy, 80°C, Break



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

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 |

Dimensions

| | |
|----|-----------|
| D | 8.1mm NOM |
| L | 43mm NOM |
| LL | 200mm NOM |

Packaging Specifications

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

Specifications

| | |
|-----------------------------|----------------------------------------------------------------------------|
| Switching Temp. | 80°C +/-2.5°C |
| Temperature Range | -20/+100°C |
| Contact Type | Break |
| Voltage DC | 200 VDC MAX (Opening/Closing), 1500 VAC/1 minute or 1800 VAC/1 second |
| Current | 0.55 Amps AC/DC MAX (Opening/Closing), 1 mAmps MIN (5VDC, Opening/Closing) |
| ESR | 300 mOhms MAX (Contact Resistance) |
| Max Opening/Closing Power | 60.5 (AC/DC); 10 (DC) |
| Max Opening/Closing Voltage | 140 (AC); 200 (DC) |
| Differential Temperature | 10°C Maximum |

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