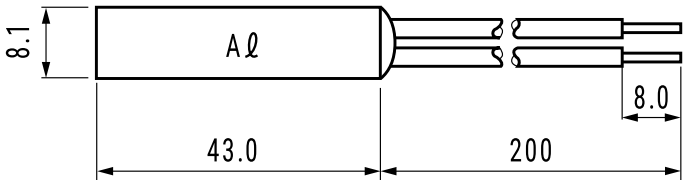


## TRS3-80MSR01E

Aliases (USED80MSR01E00)  
 KEMET, TRS, Thermal Reed Switch, Radial, 2.5C Temperature Accuracy, High Reliability, High-Speed Response, Long Operational Life, Excellent Environmental Durability, High Temperature Accuracy, 80°C, Make



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            |
| Typical Component Weight | 7.2 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 Temp.             | 80C +/-2.5C                                                               |
| Temperature Range           | -20/+100°C                                                                |
| Contact Type                | Make                                                                      |
| Voltage DC                  | 200 VDC MAX (Opening/Closing), 1500 VAC/1 minute or 1800 VAC/1second      |
| Current                     | 0.5 Amps AC/DC MAX (Opening/Closing), 1 mAmps MIN (5VDC, Opening/Closing) |
| ESR                         | 300 mOhms MAX (Contact Resistance)                                        |
| Max Opening/Closing Power   | 35 (AC)                                                                   |
| Max Opening/Closing Voltage | 140 (AC); 200 (DC)                                                        |
| Differential Temperature    | 10C Maximum                                                               |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.