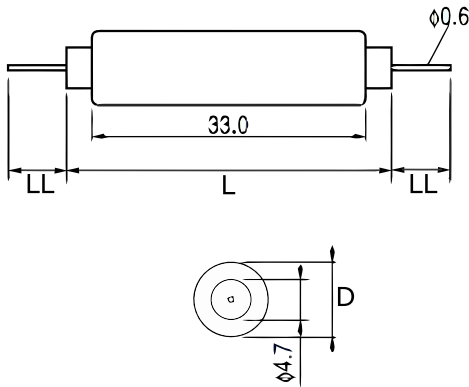


## TRS1-50MCR01V

Aliases (USEC50MCR01000)

KEMET, TRS, Thermal Reed Switch, Axial, 2.5C Temperature Accuracy, High Reliability, High-Speed Response, Long Operational Life, Excellent Environmental Durability, High Temperature Accuracy, 50°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	Wire Leads
RoHS	Yes
REACH	Yes

### Dimensions

D	7mm NOM
L	40mm NOM
LL	8.5mm NOM

### Packaging Specifications

Packaging	Tray, Box
Packaging Quantity	600
Typical Component Weight	3.4 g

### Specifications

Switching Temperature	50C +/-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

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.