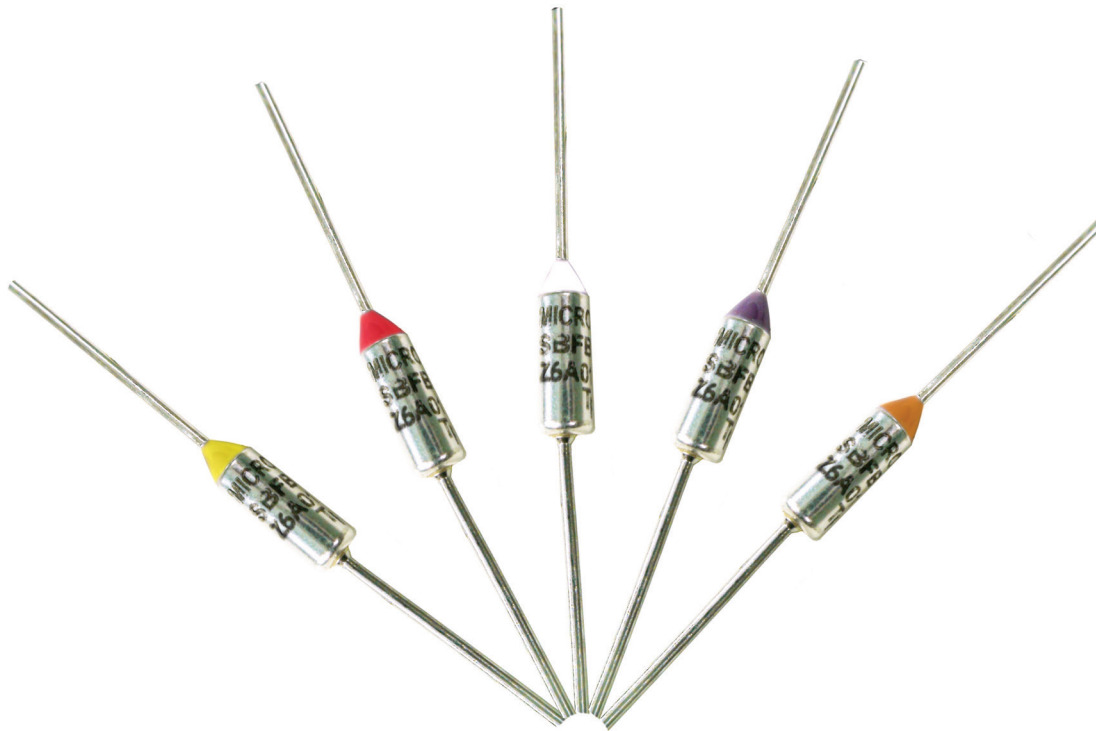


# Z6 MICROTEMP<sup>®</sup> thermal cutoffs



## MICROTEMP the original thermal cutoff

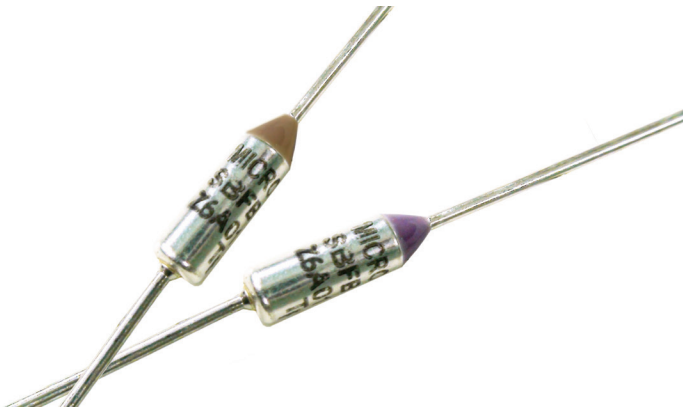
MICROTEMP thermal cutoffs offer an accurate, reliable solution to the need for upper limit temperature protection. Known as a thermal fuse, thermal link, or TCO, the MICROTEMP thermal cutoff provides protection against overheating by interrupting an electrical circuit when operating temperatures exceed the rated temperature.

**Therm-O-Disc™**

  
**EMERSON**  
Climate Technologies

## System Benefits

- Same excellent quality and reliability you have come to expect in MICROTEMP thermal cutoffs
- Emerson/Therm-O-Disc expertise applying thermal cutoffs in multiple applications
- Available in a wide range of temperatures to offer design flexibility in your application
- Fast thermal response
- High Tmax ratings



## Features

- One shot operation cuts off electrical power
- 16A/250AC
- Low resistance
- Compact size

## Applications

- Major appliance
- Portable appliance
- HVAC
- Water heater
- Hair care
- Other



Scan with your smartphone for more information or visit

[Thermodisc.com](http://Thermodisc.com)

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### Z6A Operating Temperature Summary

Tf °C	Th °C	Tm °C
098	83	280
104	89	260
117	102	275
121	106	380
144	129	380
152	137	250
167	152	380
184	169	380
229	200	380
240	200	380

**Tf** = Functioning open temperature tolerance +0/-5°C

**Th** = Maximum temperature of the TCO, measured at the case end, at which the TCO can be maintained for a period of 168 hours without opening

**Tm** = Maximum overshoot temperature. Temperature up to which TCO will not change state

### Electric Rating

UL/CSA/VDE/CCC	16A/250VAC
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### Z6 Standard Dimensions

	Standard Leads	Long Leads
Overall Length	2.51" (63.8)	3.26" (82.9)
Case Lead Length	1.38" (34.9)	1.38" (34.9)
Case Lead Diameter	0.04"	0.04"
Case Lead Material	Tin Plated Copper	Tin Plated Copper
Epoxy Lead Diameter	0.04"	0.04"
Epoxy Lead Material	Silver Plated Copper	Silver Plated Copper
Case Dimensions	.58" x .158" (14.7 x 4.0)	.58" x .158" (14.7 x 4.0)

### Important Notice

The scope of the technical and application information included in this article is necessarily limited. Operating environments and conditions can materially affect the operating results of Therm-O-Disc™ products. Users must determine the suitability of any Therm-O-Disc component for their specific application, including the level of reliability required, and are solely responsible for the function of the end-use product.