sensience
ADVANCED SENSING TECHNOLOGIES

G4 MICROTEMP Thermal Fuses

G4 MICROTEMP - the Original Thermal Fuse

Providing reliable back-up protection for temperature controlling thermostats and other over-temperature conditions, the G4 series MICROTEMP thermal fuse is the industry standard for over-temperature protection. The G4 is rated for continuous operating currents up to 10 amps @ 250VAC.

Benefits

- The industry standard for over-temperature protection
- Available in a wide range of temperatures to offer design flexibility in your application
- Available in mounted and packaged designs

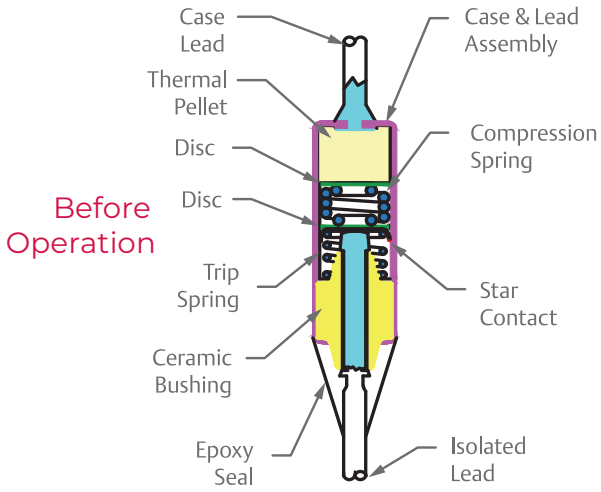
Features

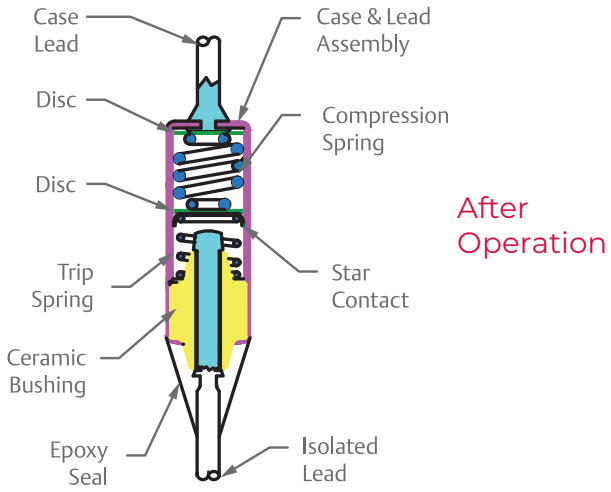
- One shot operation cuts off electrical power
- 10A/250VAC, 15A/120VAC, 5A/24VDC
- Low Resistance
- Compact size

Applications

- Portable Appliance
- Major Appliance
- HVAC
- Power Supplies
- Water Heater
- Other

G4 MICROTEMP Product Information

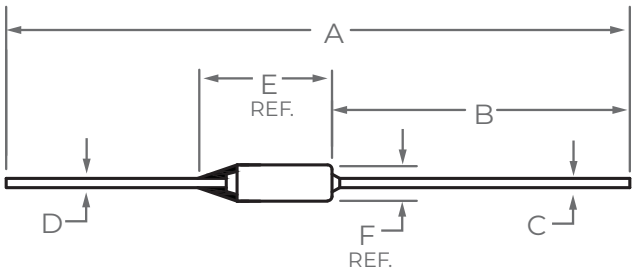




Standard Dimensions

		Standard Leads
A	Overall Length ± .12" (±3.0mm)*	2.51" (63.8mm)
B	Case Lead Length ± .06" (±1.5mm)	1.38" (34.9mm)
C	Case Lead Diameter	0.040" (1.0mm)
	Case Lead Material	Tin Plated Copper
D	Isolated Lead Diameter	0.040" (1.0mm)
	Isolated Lead Material	Silver Plated Copper
E/F	Case Dimensions, Including Epoxy	.58" L x .158" D (14.7mm x 4.0mm)

* Overall length available up to 5.83" (148mm)



Electrical Ratings

Agency	Resistive	Inductive
UL/CSA	10A/250VAC 15A/120VAC 5A/24VDC	8A/250VAC 14A/120VAC
VDE	10A/250VAC	8A/250VAC
CCC	10A/250VAC	8A/250VAC
PSE JET*	10A/250VAC	
Korea	10A/250VAC	

*Customer should choose GZX5XTTTC part number if PSE JET agency approval is needed.

Operating Temperature Summary

Tf°C	Th°C	Tm°C
072	57	100
077	62	300
084	69	220
091	76	300
093	78	300
098	83	300
104	89	200
110	95	240
117	102	240
121	106	300
128	113	350
134	119	205
141	126	205
144	129	300
152	137	205
158	143	240
167	152	350
172	157	310
184	169	240
190	175	350
192	177	380
205	190	310
216	200	450
229	200	450
240	200	450
257	220	470

Tf = Functioning open temperature +0/-5° C
Th = Maximum temperature of the thermal fuse, measured at the case end, at which the thermal fuse can be maintained for a period of at least168 hours without opening
Tm = Maximum overshoot temperature. Temperature up to which the open thermal fuse will not change state