sensience
ADVANCED SENSING TECHNOLOGIES

G5 MICROTEMP Thermal Fuses

G5 MICROTEMP - the Original Thermal Fuse

Designed for higher voltage and current applications, the G5 MICROTEMP Thermal Fuse is rated for operating currents up to 20 amps @ 277 VAC. The internal construction of the G5 is designed for interrupting higher currents and withstanding higher temperatures than other models.

Benefits

- Designed for higher voltage and current applications
- Available in a wide range of temperatures to offer design flexibility in your application
- Available in mounted and packaged designs

Features

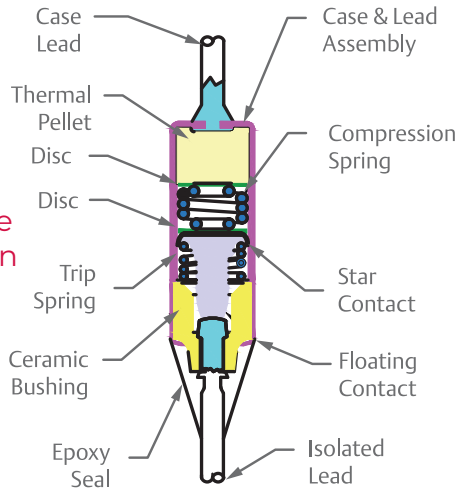
- One shot operation cuts off electrical power
- 20A/250VAC, 20A/277VAC, 25A/120VAC
- High Overshoot Temperature Tm
- Compact Size

Applications

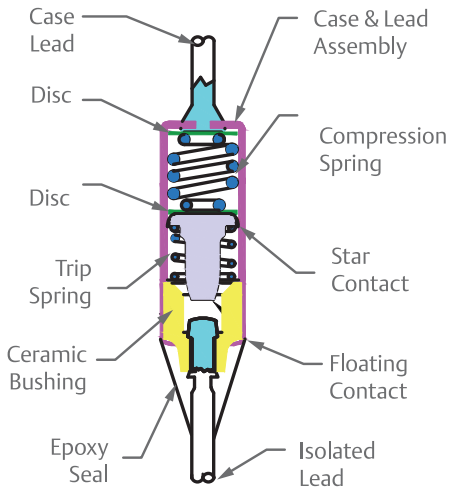
- Portable Appliance
- Major Appliance
- HVAC
- Power Supplies
- Automotive
- Water Heater
- Other

G5 MICROTEMP Product Information

Before Operation



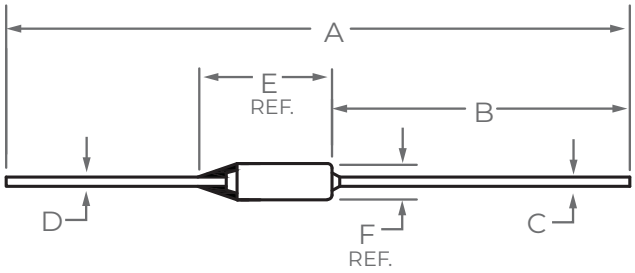
After Operation



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
UL/CSA	20A/250VAC 25A/120AC 21A/240VAC 20A/277VAC
VDE	20A/250VAC
CCC	20A/250VAC
PSE JET*	15A/250VAC
Korea	16A/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	410
077	62	410
084	69	220
091	76	430
093	78	410
098	83	410
104	89	225
110	95	225
117	102	410
121	106	410
128	113	380
134	119	410
141	126	350
144	129	410
152	137	410
158	143	410
167	152	410
172	157	410
184	169	410
190	175	410
192	177	350
205	190	410
216	200	410
229	200	410
240	200	410

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