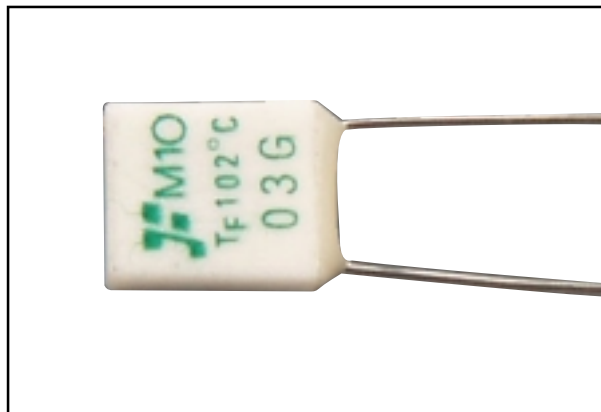


## Thermal Fuses JFM M



### Features:

- Small physical size, ensures fast response to overtemperature.
- 1A 240Vac rated
- Thermal element protected mechanically and against oxidization.
- Single shot. Non resettable.
- Accurate melting points, range from 102°C to 130°C
- Long term stability

### Construction:

**Actual Opening Temperature**

The temperature at which fuse actually opens if measured in oil raised at 1K / min.

**Rated Temperature (TF)**

The temperature before which the fuse must open; as defined by Standards Bodies eg BEAB, UL, VDE.

**Holding Temperature (TH)**

Maximum temperature the fuse can withstand, carrying rated current, without opening for a period of time (IEC691), without causing premature ageing and nuisance tripping.

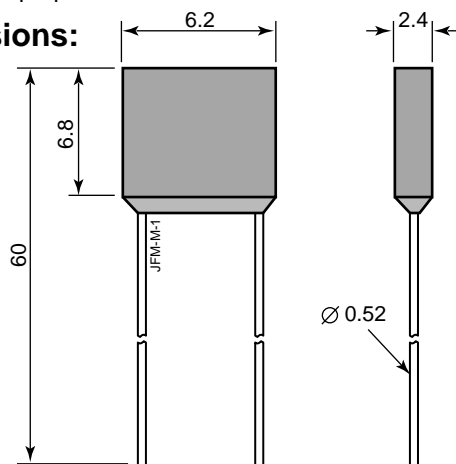
**Maximum Temperature (TM)**

The maximum temperature the fuse must not exceed once open to avoid breakdown of either its electrical or mechanical properties.

### Applications Hints

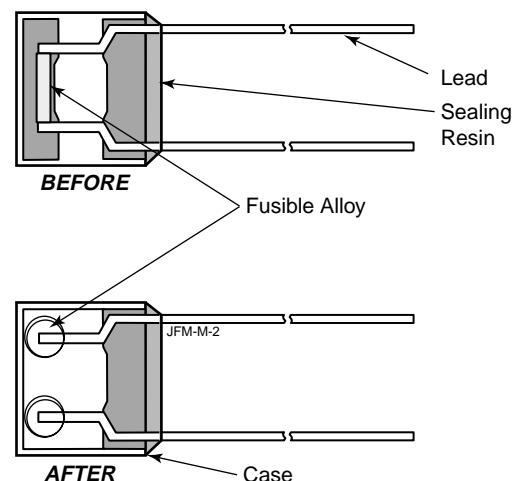
Careful attention should be paid to following; Soldering must be carried out quickly and at the minimum of 10mm from the fuse body - pre tin-dipping is effective as is heat-sinking the leads. Care must also be taken when bending the lead so as not to break the epoxy seal between the lead and case. The Holding Temperature of the fuse must not be exceeded under normal conditions. Failure to observe this may result in premature tripping.

### Dimensions:



All dimensions in mm. NOT TO SCALE

### Order code JFM M \_ \_



Type	Actual Opening Temp	Rated Opening Temp (Tf)	Holding Temp Th	Max. Temp Tm	Approvals				
					UL E142267	CSA 99254	VDE 18081-4510-8800AC1	BEAB CAL0023R	TUV 9253021
M10	98 ± 2°C	102°C	75°C	165°C	●	●	●	●	●
M20	110 ± 2°C	115°C	85°C	165°C	●	●	●	●	●
M30	120 ± 2°C	125°C	90°C	165°C	●	●	●	●	●
M33	126 ± 2°C	130°C	100°C	165°C	●	●	●	●	●

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