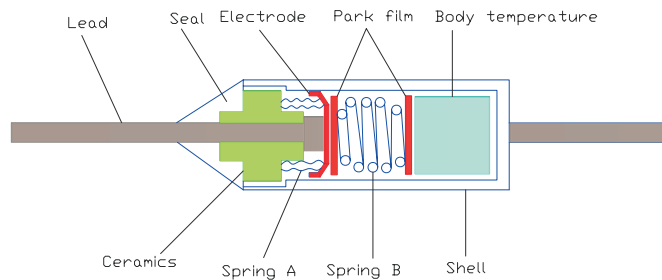
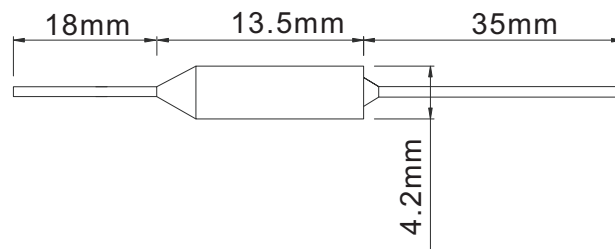


## Thermal Fuse Series

### L-KLS5-103-BF157 Steel-type Thermal Fuse Series

#### Electrical :

- 3.1 Rated Functioning Temperature : 157 +0°C -10°C
- 3.2 Rated Voltage:250V
- 3.3 Rated Current: 10A
- 3.4 Normal Electric Strength: Between Housing (Cover the silicone insulation tube) and Lead, Dielectric Strength should be AC 50Hz, 1500V, last 1 minute, without blink and breakdown.
- 3.5 Insulation Resistance: Between Housing (Cover the silicone insulation tube) and Lead, Insulation Resistance  $> 2M\Omega$ .
- 3.6 Contact Insulation: Contact Insulation between lead  $\leq 0.028\Omega$
- 3.7 Disconnection Insulation Resistance: Lead to lead in disconnection, Insulation Resistance  $\geq 0.2M\Omega$
- 3.8 Leakage Current:  $\leq 0.2mA$



## ORDER INFORMATION

Product No.: KLS5-103-BF 157



## Fuse holder Series

KLS5-103-BF157 Steel-type Thermal Fuse Series

AUPD BF Series											
New Model No	Rated Functioning temp	Fusing-off temperature	Holding Temperature (Th)	Maximum temp. limit (Tm)	Rated Current (Ir)	Rated Voltage (Ur)	Safety approval				RoHS
	(Tf)						UL	VDE	PSE	CCC	Compliance
BF157	157°C	152±2°C	127°C	172°C	10A	250Vac	●	●	●	●	●

**Rated functioning temperature(Tf) :** The temperature at which a Thermal Cutoff changes its state of conductivity to open circuit detection current. The tolerance according to IEC60691 is from -10°C~+0°C (With Japan Electrical Appliance and Material Law, on the other hand, they must function in the tolerance range of ±7°C).  
**Fusing (cut)-off temperature** The fusing-off temperature indicates a value measured in silicon oil with a temperature increased by 0.5-1°C per minute and a detective current 100mA or less.

**Holding temperature(Th) :** The maximum temperature at which a thermal Cutoff will not cause a change in state of conductivity to open circuit while conducting rated current for 168 hours.

This rating is required by safety standards based on IEC60691.

**Maximum temperature limit(Tm) :** The maximum temperature at which a Thermal Cutoff can be maintained for 10 minutes without reclosing. This rating is required by safety standards based on IEC60691.

**Rated current(Ir) :** The allowable maximum current which a Thermal Cutoff is able to carry.

**Rated voltage(Ur) :** The allowable maximum voltage which a Thermal Cutoff is able to be applied.

## ORDER INFORMATION

Product No.: **KLS5 103 BF 157**

