

Thermal Fuses

Thermal fuses are components which will automatically open a circuit and switch off an appliance, if the permissible operating temperature of the appliance is exceeded. The response temperature can only be set by the manufacturer. In order to repair the circuit, the complete thermal fuse must be replaced. Thermal fuses have a solid, dust and dirt- tight housing. They react to ambient temperature and are generally insensitive to current at rated levels.

Applications

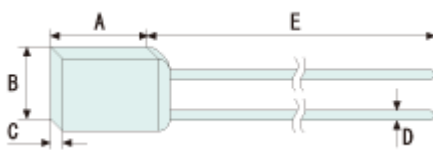
Coffee machines, Hand driers, Motors, Cookers, Gas heaters, Extractor hoods, Transformers, Stoves, Boilers, Ventilators, Computers, Choker Grills, Hot water appliances, Radio & TV's, Laboratory equipment, Coils, Fryers, Hair appliances, Recorders, Pumps, Waffle irons, Hair driers, Office machinery, Cleaning appliances, Industrial plants.

H-F series

Fusible Alloy, Radial Lead Type

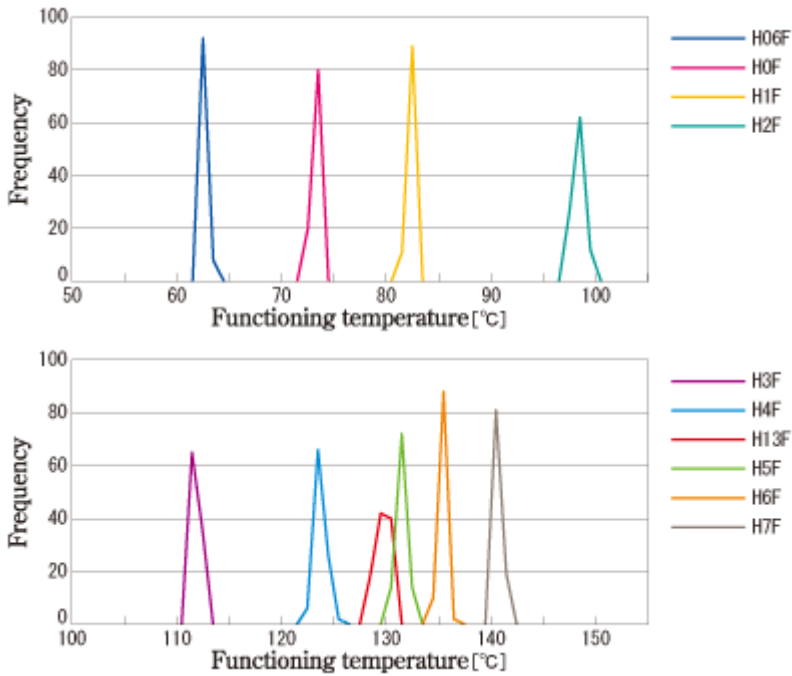


Dimension

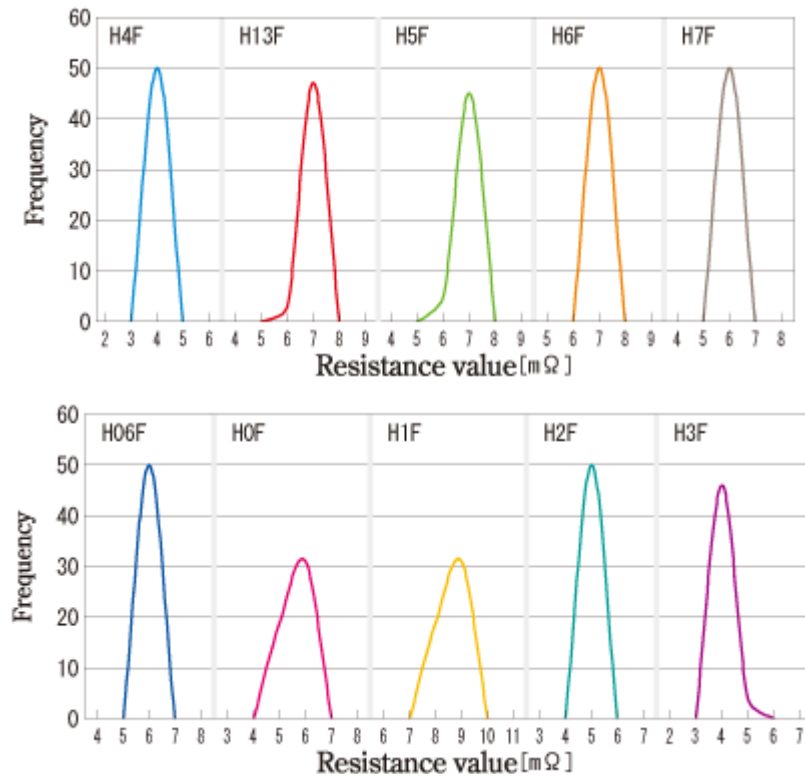


Unit : mm				
A	B	C	D	E
5.9±0.1	6.7±0.1	2.5±0.1	0.55±0.05	36±3.0(H□F) 68±3.0(H□F-L)

Functioning Temperature



Resistance value





Fuse Types	T _f [°C]	Functioning Temperature [°C]	Ratings			T _h [°C]	T _m [°C]	✓ Approved				
			AC/DC	Voltage [°C]	Current [°A]			UL C-UL	VDE	BEAB	CCC	RoHS
H06F	65	61±3	AC	250	2.5	50	200	✓	✓	✓	✓	✓
H0F	76	72±3	AC	250	2.5	50	200	✓	✓	✓	✓	✓
				125	3.0	50	200	✓	✓	✓		✓
H1F	86	81±2	AC	250	2.5	60	200	✓	✓	✓	✓	✓
				125	3.0	60	200	✓	✓	✓		✓
H2F	102	98±3	AC	250	3.0	75	200	✓	✓	✓	✓	✓
				125	3.5	65	200	✓	✓	✓	-	✓
			DC	50	4.0	60	200	✓	✓	✓	-	✓
H3F	115	111±2	AC	250	3.0	95	200	✓	✓	✓	✓	✓
				125	3.5	4.0	200	✓	✓	✓	-	✓
			DC	50	4.0	90	200	✓	✓	✓	-	✓
H4F	127	123±2	AC	250	3.0	100	200	✓	✓	✓	✓	✓
				125	3.5	95	200	✓	✓	✓	-	✓
			DC	50	4.0	95	200	✓	✓	✓	-	✓
H5F	136	131±2	AC	250	3.0	100	200	✓	✓	✓	✓	✓
				125	3.5	95	200	✓	✓	✓	-	✓
			DC	50	4.0	90	200	✓	✓	✓	-	✓
H6F	139	134±2	AC	250	2.5	110	200	✓	✓	✓	✓	✓
				125	3.5	105	200	✓	✓	✓	-	✓
			DC	50	4.0	100	200	✓	✓	✓	-	✓
H7F	145	140±2	AC	250	2.0	115	200	✓	✓	✓	✓	✓
				125	3.5	110	200	✓	✓	✓	-	✓
			DC	50	4.0	105	200	✓	✓	✓	-	✓