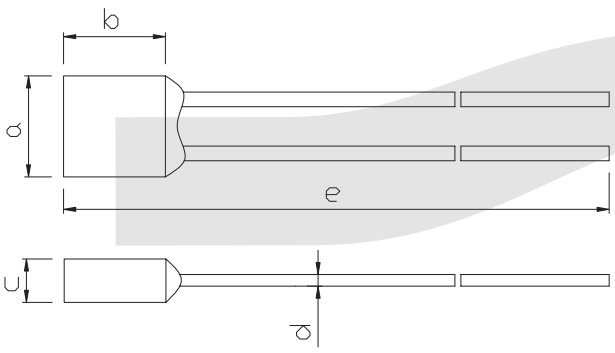
Thermal Fuse Series

KLS5-104 Side shell Thermal Fuse 1A Series



Dimension(mm)		1A Series		
a	b	c	d	e
5.2±0.5	4.0±0.5	2.2±0.2	ø0.5±0.02	60

Rated functioning temperature(Tf): The temperature at which a Thermal Cutoff changes its state of conductivity to open circuit detection curret.The tolerance according to IEC60691 is from -10ºC~+0ºC .(With Japan Electrical Appliance and Material Law,on the other hand,they must function in the tolerance range of ±7ºC).

Fusing(cut)-off temperature: The fusing-off temperature indicates value measured in silicon oil with a temperature increased by 0.5-1ºC 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 maimtained for 10 minutes without reclosing.This rating is requirde by safety standards based on IEC60691.

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

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

ORDER INFORMATION

Product No.: KLS5- 104 - 1A X

Part Number	Side shell Thermal Fuse Series	Rated Current	Rated functioning temp

Fuse holder Series

KLS5-104 Side shell Thermal Fuse 1A Series

104-1A Series												
Model No	Rated functioning temp. (Tf)	Fusing-off temperature	Holding temperature (Th)	Maximum temp. limit (Tm)	Rated current (Ir)	Rated voltage (Ur)	Safety approval					RoHS Compliace
							UL	CUL	VDE	PSE	CCC	
104-1A-1	102℃	98±2℃	76℃	180℃	1A	250Vac	●	●	●	●	●	●
104-1A-2	115℃	112±3℃	85℃	180℃	1A	250Vac	●	●	●	●	●	●
104-1A-3	125℃	120±3℃	97℃	180℃	1A	250Vac	●	●	●	●	●	●
104-1A-4	130℃	126±2℃	102℃	180℃	1A	250Vac	●	●	●	●	●	●
104-1A-5	135℃	131±3℃	105℃	180℃	1A	250Vac	●	●	●	●	●	●
104-1A-6	138℃	135±2℃	108℃	180℃	1A	250Vac	●	●	●	●	●	●
104-1A-7	150℃	145±3℃	120℃	180℃	1A	250Vac	●	●	●	●	●	●

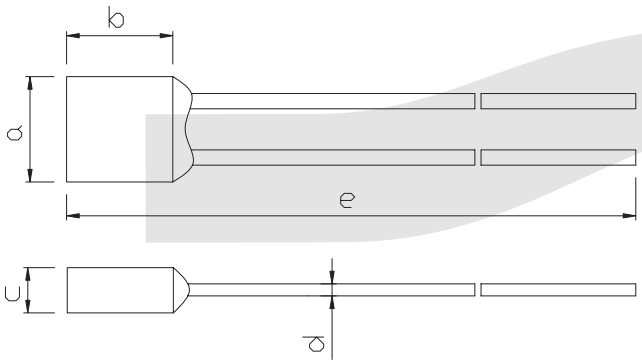
ORDER INFORMATION

Product No.: KLS5- 104 - 1A X

- KLS5- : Part Number
- 104 : Side shell Thermal Fuse Series
- 1A : Rated Current
- X : Rated functioning temp

Thermal Fuse Series

KLS5-104 Side shell Thermal Fuse 2A Series



Dimension(mm)		2A Series		
a	b	c	d	e
5.5±0.5	6.0±0.5	2.4±0.3	ø0.5±0.02	60

2A Series													
Model No.	Rated functioning temp. (Tf)	Fusing-off temperature	Holding temperature (Th)	Maximum temp. Limit (Tm)	Rated current	Rated voltage	Safety approval						RoHS Compliace
					(Ir)	(Ur)	UL	CUL	VDE	TUV	PSE	CCC	
104-2A-1	102℃	98±2℃	79℃	203℃	2A	250V	●	●	●	●	●	●	●
104-2A-2	115℃	112±3℃	92℃	203℃	2A	250V	●	●	●	●	●	●	●
104-2A-3	125℃	120±3℃	101℃	203℃	2A	250V	●	●	●	●	●	●	●
104-2A-4	130℃	126±2℃	107℃	203℃	2A	250V	●	●	●	●	●	●	●
104-2A-5	135℃	131±3℃	112℃	203℃	2A	250V	●	●	●	●	●	●	●
104-2A-6	138℃	135±2℃	115℃	203℃	2A	250V	●	●	●	●	●	●	●
104-2A-7	150℃	145±3℃	126℃	203℃	2A	250V	●	●	●	●	●	●	●

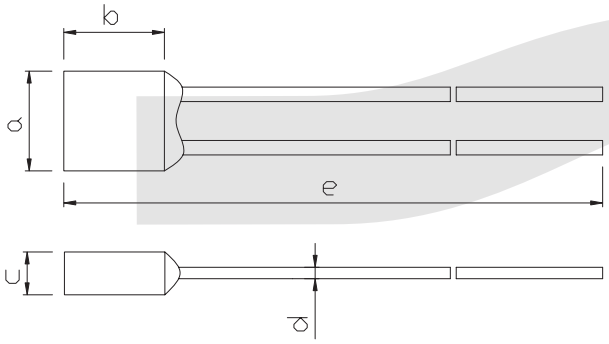
ORDER INFORMATION

Product No.: KLS5- 104 - 2A X

- KLS5- : Part Number
- 104 : Side shell Thermal Fuse Series
- 2A : Rated Current
- X : Rated functioning temp

Thermal Fuse Series

KLS5-104 Side shell Thermal Fuse 3A Series



Dimension(mm)		3A Series		
a	b	c	d	e
6.6±0.5	8.0±0.5	2.5±0.3	ø0.6±0.02	60

104-3A Series												
Model No.	Rated functioning temp. (Tf)	Fusing-off temperature	Holding temperature (Th)	Maximum temp. Limit (Tm)	Rated current	Rated voltage	Safety approval					RoHS Compliace
					(Ir)	(Ur)	UL	CUL	VDE	PSE	CCC	
104-3A-1	84℃	82±2℃	40℃	180℃	3A	250Vac	●	●	●	●	●	●
104-3A-2	102℃	98±2℃	63℃	180℃	3A	250Vac	●	●	●	●	●	●
104-3A-3	115℃	112±3℃	75℃	180℃	3A	250Vac	●	●	●	●	●	●
104-3A-4	125℃	120±3℃	85℃	180℃	3A	250Vac	●	●	●	●	●	●
104-3A-5	130℃	126±2℃	90℃	180℃	3A	250Vac	●	●	●	●	●	●
104-3A-6	135℃	131±3℃	90℃	180℃	3A	250Vac	●	●	●	●	●	●
104-3A-7	138℃	135±2℃	93℃	180℃	3A	250Vac	●	●	●	●	●	●
104-3A-8	150℃	145±3℃	105℃	180℃	3A	250Vac	●	●	●	●	●	●

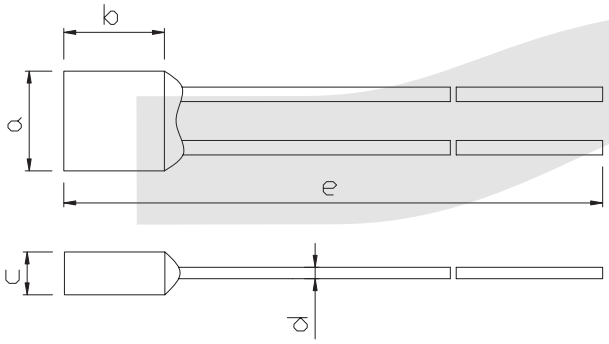
ORDER INFORMATION

Product No.: KLS5- 104 - 3A X

- KLS5- : Part Number
- 104 : Side shell Thermal Fuse Series
- 3A : Rated Current
- X : Rated functioning temp

Thermal Fuse Series

KLS5-104 Side shell Thermal Fuse 5A Series



Dimension(mm)		5A Series		
a	b	c	d	e
8.5±0.5	8±0.2	3.5±0.2	0.8±0.05	45±2

104-5A Series

Model No	Rated functioning temp (Tf)	Fusing-off temperature	Holding Temperature (Th)	Maximum temp. limit (Tm)	Rated current	Rated voltage	Safety approval					RoHS Compliace
					(Ir)	(Ur)	UL	CUL	VDE	PSE	CCC	
104-5A-1	84℃	82±2℃	40℃	180℃	5A	250Vac	●	●	●	●	●	●
104-5A-2	102℃	98±2℃	63℃	180℃	5A	250Vac	●	●	●	●	●	●
104-5A-3	115℃	112±3℃	75℃	180℃	5A	250Vac	●	●	●	●	●	●
104-5A-4	125℃	120±3℃	85℃	180℃	5A	250Vac	●	●	●	●	●	●
104-5A-5	130℃	126±2℃	90℃	180℃	5A	250Vac	●	●	●	●	●	●
104-5A-6	135℃	131±3℃	90℃	180℃	5A	250Vac	●	●	●	●	●	●
104-5A-7	138℃	135±2℃	93℃	180℃	5A	250Vac	●	●	●	●	●	●
104-5A-8	150℃	145±3℃	105℃	180℃	5A	250Vac	●	●	●	●	●	●

ORDER INFORMATION

Product No.: KLS5- 104 - 5A X

- KLS5- : Part Number
- 104 : Side shell Thermal Fuse Series
- 5A : Rated Current
- X : Rated functioning temp