

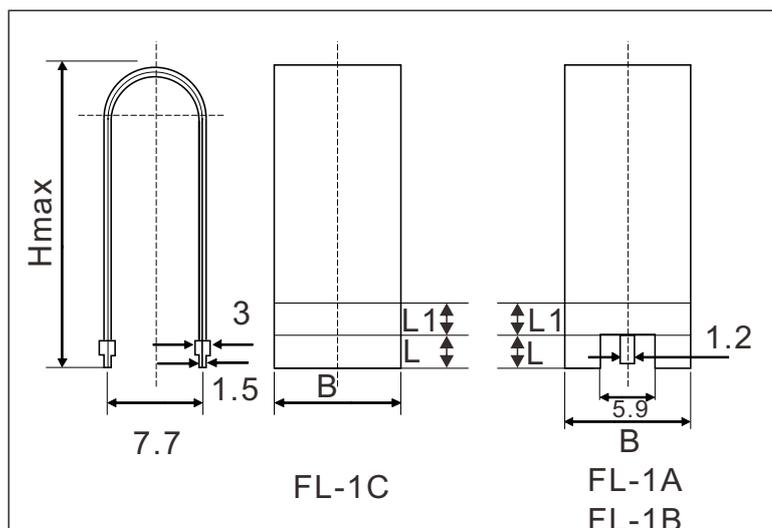
## ● Features

- I High reliability
- II High over loading ability
- III Extremely low inductance

## ● Applications

- I Widely used in communication system
- II Electric equipment
- III As current limited in automation
- IV Current balance or sampling for testing

## ● Dimensions



Type	Hmax (mm)	B (mm)	L (mm)	L1 (mm)	Style of terminal
FL-1A	37	18	3	3	Three head
FL-1B	60	30	5	5	Three head
FL-1C	32	15	3	3	Single head

## ● Current And Resistance etc

Type	Rated Current(A)	Rated Voltage Drop(mV)	Normal Resistance(mΩ)	Accuracy Class	Temperature Coefficient(10 <sup>-6</sup> /°C)
FL-1A-30	30	50	1.6667	±0.5%	±25 ±50
FL-1A-50	50	50	1.0000		
FL-1A-60	60	50	0.8333		
FL-1A-75	75	75	1.0000		
FL-1A-100	100	75	0.7500		
FL-1B-60	60	50	0.8333		
FL-1B-75	75	50	0.6667		
FL-1B-100	100	50	0.5000		
FL-1C-30	30	45	1.5000		
FL-1C-60	60	45	0.7500		

Note: According to customer needs, provide 75mV, 100mV, 125mV, 150mV products, Please consult our engineer [kwx@kwxcom.com](mailto:kwx@kwxcom.com).

## ● Reference Standards

GB/T 5729—2003

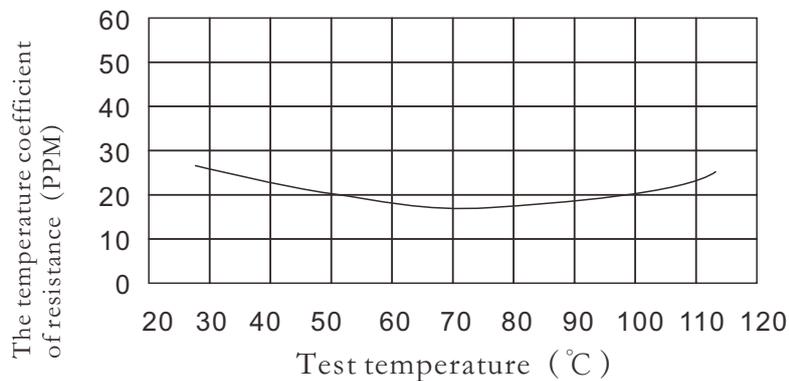
## Ordering Information

Example

FL	1A	50A	50mV	D	C3	Box
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Type	Style	Rated current	Rated drop	Tolerance	TCR	Pakaging

- (1)Type:FL Type
- (2)Style:1A,1B,1C
- (3)Rated current:30A,50A,60A,75A,100A
- (4)Rated drop:50mV,45mV
- (5)Tolerance:±0.5%
- (6)TCR:±25PPM,±50PPM
- (7)Pakaging: Box

## Temperature coefficient curve



## Derating Curve

