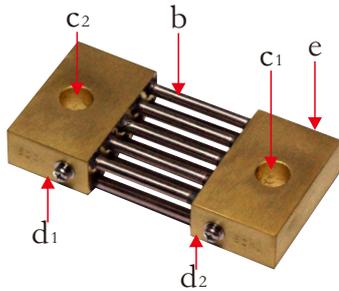


## Construction



b	Precision manganin
c1,c2	Input terminal
d1,d2	Output terminal
e	Copper base

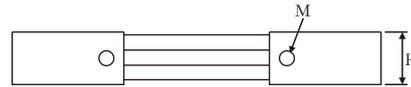
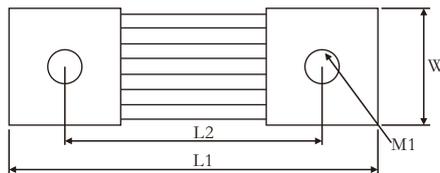
## Features

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

## Applications

- I Used for extending the current range of measure
- II Current balance or sampling for testing
- III Automation control to limit the current

## Dimensions, Applications And Ratings



Type	Voltage type	Current	Dimensions(mm)						Weight (g)
			L1 ±1.0	L2 ±1.0	W ±1.0	H ±0.5	M1 ±0.3	M ±0.3	
STF	50mv	250A~300A	118	86	35	19.5	13	4	430
		400A	118	86	44	19.5	13	4	530
		500A	118	86	55	19.5	13	4	640
		600A	123	90	55	21	13	4	830
	60mv	250A~300A	126	96	35	18.5	13	4	430
		400A	126	96	44	18.5	13	4	530
		500A	126	96	55	18.5	13	4	650
		600A	132	98	55	21	13	4	830
	75mv	250A~300A	138	107	35	18.5	13	4	430
		400A	138	107	44	18.5	13	4	530
		500A	138	107	55	18.5	13	4	650
		600A	144	111	55	21	13	4	840

## Ordering Information

Example:

STF	100A	50mv	D	C	B
(1)	(2)	(3)	(4)	(5)	(6)
Series Name	Rated Current	Rated Drop	Resistance Tolerance	T.C.R	Packing

(1)Type: STF SERIES

(2)Rated Current: 125=125A,100=100A,75=75A,50=50A,25=25A

(3)Rated Drop: 50=50mV,60=60mV,70=70mV,100=100mV,150=150mV

(4)Resistance Tolerance: D= ±0.5%

(5)T.C.R:C3= ± 25ppm,C4= ± 20ppm,C5= ± 15ppm

(6)Packing:B=bulk standard

**● Performance**

Test Items	Test Methods(JIS C 5201-1)
Tolerance Accuracy class	0.5
Ambient temperature&Relative humidity	-40~+60°C Relative Humidity≤95%(at35°C )
Overload	Rating current120%,2h
Voltage outputs	50mv ,60mv ,75mv ,100mv ,150mv products are available
Surface temperature rise	not over than 80°C within 50A, not exceed 120°C if higher than 50A
Temperature coefficient	$\pm 25 \times 10^{-6} \text{ } ^\circ\text{C}$ ; $\pm 50 \times 10^{-6} \text{ } ^\circ\text{C}$ ; $\pm 100 \times 10^{-6} \text{ } ^\circ\text{C}$ ;