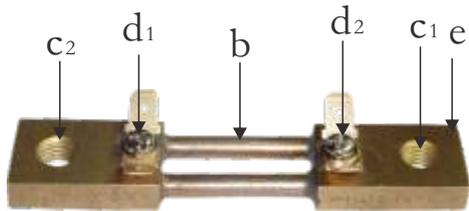


Construction



Ordering Information

Example:

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

(1)Type: STK Shunts

(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= $\pm 0.5\%$,F= $\pm 1\%$

(5)T.C.R: C3= $\pm 25\text{ppm}$,C4= $\pm 20\text{ppm}$,C5= $\pm 15\text{ppm}$

(6) Packing:B=bulk standard

Reference Standards

JISC 5201-1

Performance

Test Items	Test Methods(JIS C 5201-1)
Accuracy class	0.5
Ambient temperature&Relative humidity	-40~+60°C Relative Humidity $\leq 95\%$ (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	$\pm 25 \times 10^{-6} \text{ } ^\circ\text{C}$; $\pm 50 \times 10^{-6} \text{ } ^\circ\text{C}$; $\pm 100 \times 10^{-6} \text{ } ^\circ\text{C}$;

Features

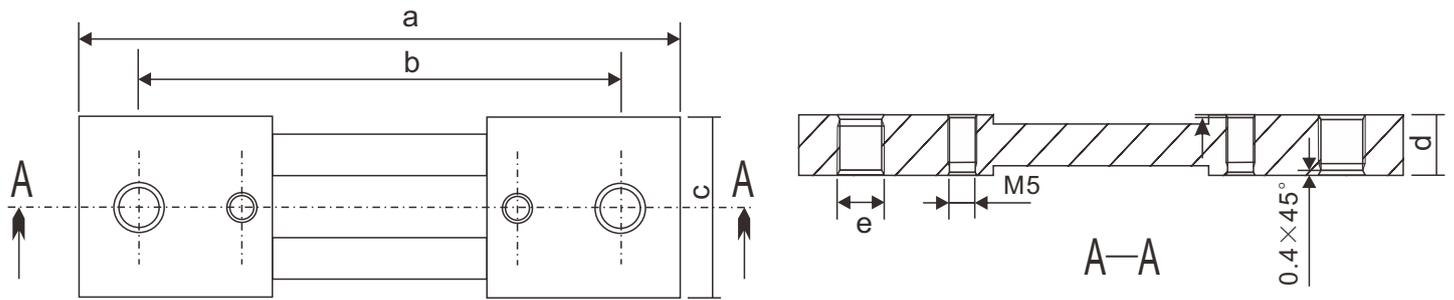
- I High reliability
- II High over loading ability
- III Extremely low inductance

Applications

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

b	Precision manganin
c ₁ 、 c ₂	Input terminal
d ₁ 、 d ₁	Output terminal
e	Copper base

● Dimensions



TYPE	Voltage type	Current	Dimensions(mm)				
			$a \pm 1$	$b \pm 1$	$c \pm 1$	$d \pm 1$	$e \pm 1$
STK	60mV	1A—25A	90	80	20	8	M5
		30A—200A	100	80	20	8	M8
	100mV	1A—25A	100	80	20	8	M5
		30A—200A	120	100	20	8	M8
	150mV	1A—25A	100	80	20	8	M5
		30A—200A	220	205	25	8	M8
300mV	1A—25A	100	80	20	8	M5	
	30A—200A	300	350	25	8	M8	