Hall open loop current sensor

Model：HKS16

Open loop, Wear core apertureΦ16,PCB welding type,
Detect DC,AC and pulse current



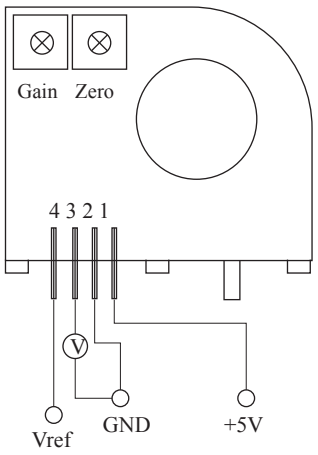
Technical indicators:

Flame resistance：UL94-V0
Working temperature：-20℃～+70℃
Storage temperature：-40℃～+85℃
Bandwidth：DC～50KHz
Dielectric strength：2.5KV 50Hz 1min

Electrical parameters:

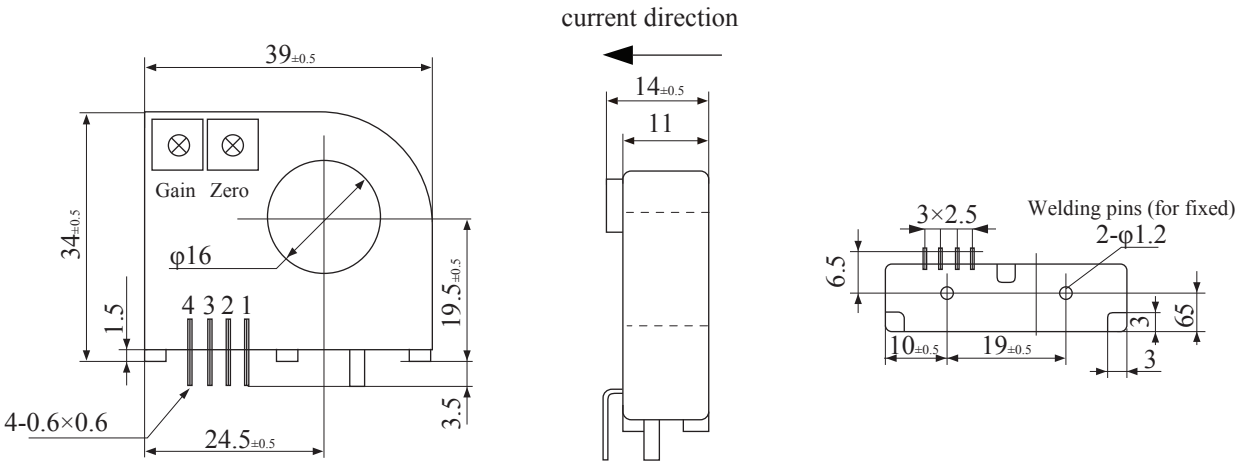
I_P	Rated input	±100	A
I_{PM}	Input measured range	±300	A
V_{OUT}	Rated output	2.5±0.625	V
X	Accuracy	1	%
ε_L	Linearity	＜0.1	%
V_C	Supply voltage(±5%)	+5	V
I_C	Current consumption	±15	mA
R_L	Load impedance	＞10	KΩ
V_{OE}	Zero offset,TA=25℃	≤±30	mV
T_R	Response time	＜3	μs
N.W	Weight	24	g

Connection Diagram:



Terminal definition
1:+5V
2:0V
3:Vout
4:Vref

Dimensions（ in mm）:



Front view　　Side view　　Bottom view