Hall closed loop current sensor

Model：HAS14Z

Closed loop,basbar built-in, PCB welding type;
Detect DC,AC and pulse current.



Technical indicators:

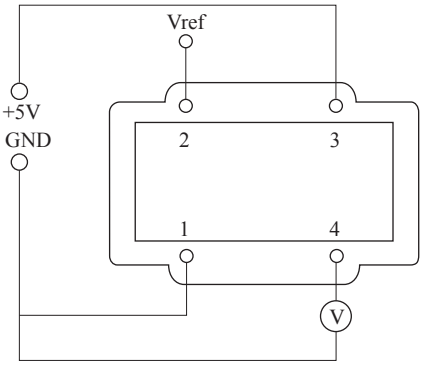
Flame resistance：UL94-V0
Working temperature：-25～+70℃
Storage temperature：-40～+85℃
Bandwidth：DC～150kHz
Dielectric strength：3KV 50Hz 1min

Electrical parameters:

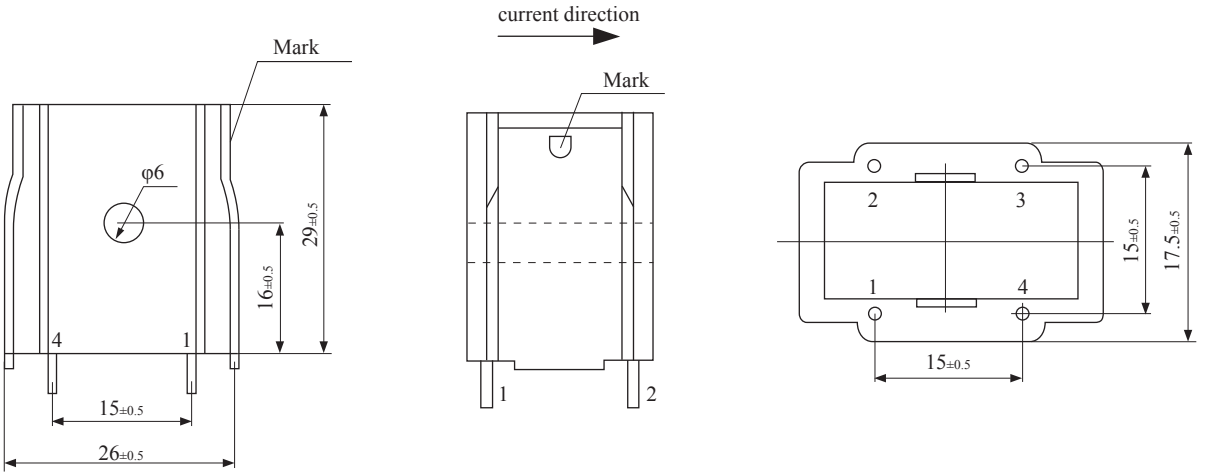
I_P	Rated input	±6	A
I_{PM}	Input measured range	±19	A
V_{OUT}	Rated output	2.5±0.625	V
X	Accuracy	0.5	%
ε_L	Linearity	＜0.1	%
V_C	Supply voltage(±5%)	+5	V
I_C	Current consumption	28	mA+Im
R_L	Load impedance	≥2K	Ω
V_{OE}	Zero offsetTA=25℃	≤±15	mV
T_R	Response time	＜1	μs
N.W	Weight	16	g

Connection Diagram:

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



Dimensions（ in mm）:



Front view　　Side view　　Bottom view