Hall open loop current sensor

Model：HKS1508

Open loop current detection,Detect DC,AC and pulse current.



Technical indicators:

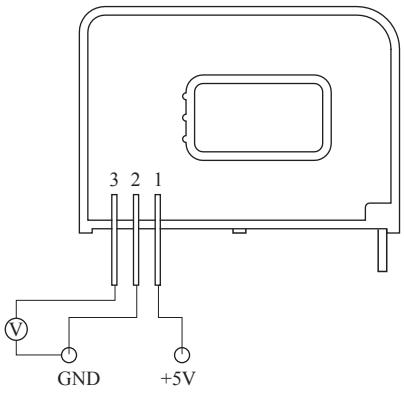
Flame resistance：UL94-V0
Working temperature：-10℃～+70℃
Storage temperature：-40℃～+85℃
Bandwidth：DC～50KHz
Dielectric strength：3KV 50Hz 1min

Electrical parameters:

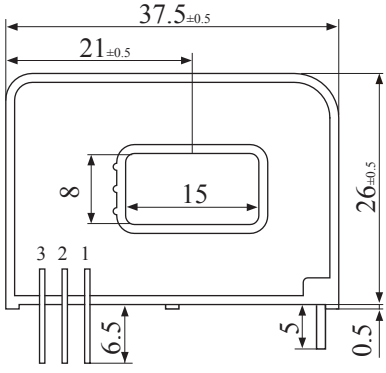
I_P	Rated input	±400	A
I_{PM}	Input measured range	±480	A
V_{OUT}	Rated output	2.5±1.5	V
X	Accuracy	1	%
ε_L	Linearity	＜0.1	%
V_C	Supply voltage(±5%)	+5	V
I_C	Current consumption	±15	mA
R_L	Load impedance	＞1	KΩ
V_{OE}	Zero offset,TA=25℃	≤±20	mV
T_R	Response time	＜3	μs
N.W	Weight	41	g

Connection Diagram:

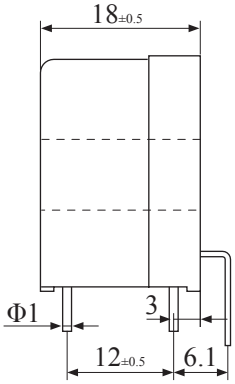
Terminal definition
1:+5V
2:0V
3:Vout



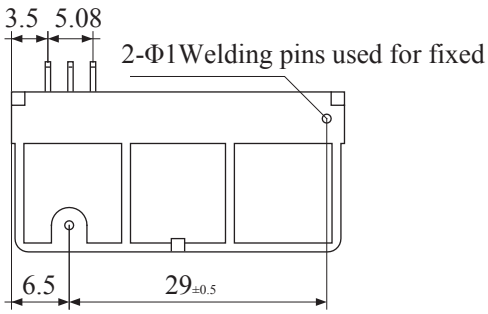
Dimensions（ in mm）:



Front view



Side view



Top view