Hall closed loop current sensor

Model：HA55



Closed loop,PCB welding type;
Detect DC,AC and pulse current

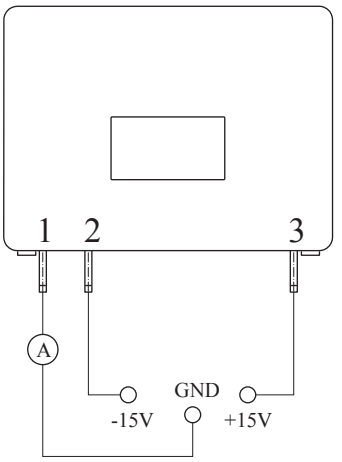
Technical indicators:

Flame resistance：UL94-V0
Working temperature：-10～+70℃
Storage temperature：-40～+85℃
Bandwidth：DC～150kHz
Dielectric strength：2.5KV 50Hz 1min

Electrical parameters:

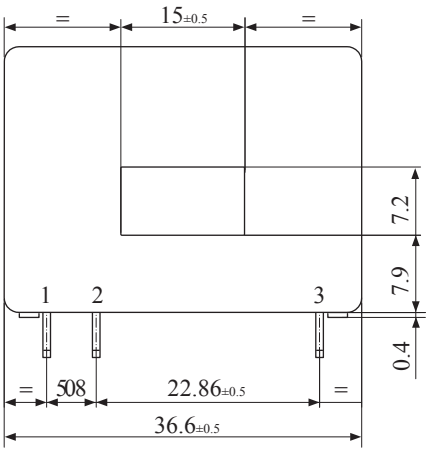
I_P	Rated input	±50	A
I_{PM}	Input measured range	±75	A
I_{OUT}	Rated output	±50	mA
X	Accuracy	0.5	%
ε_L	Linearity	＜0.1	%
V_C	Supply voltage(±5%)	±15	V
I_C	Current consumption	±10	mA+Im
R_L	Load impedance	160	Ω
I_{OE}	Zero offsetTA=25℃	≤±0.3	mA
T_R	Response time	＜1	μs
N.W	Weight	17	g

Connection Diagram:

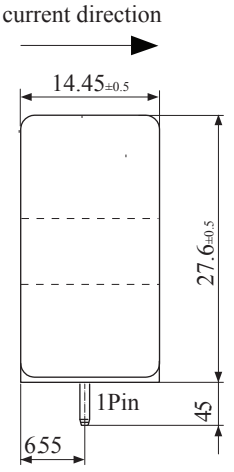


Pins definition
1:M
2:-15V
3:+15V

Dimensions（ in mm）:



Front view



Side view