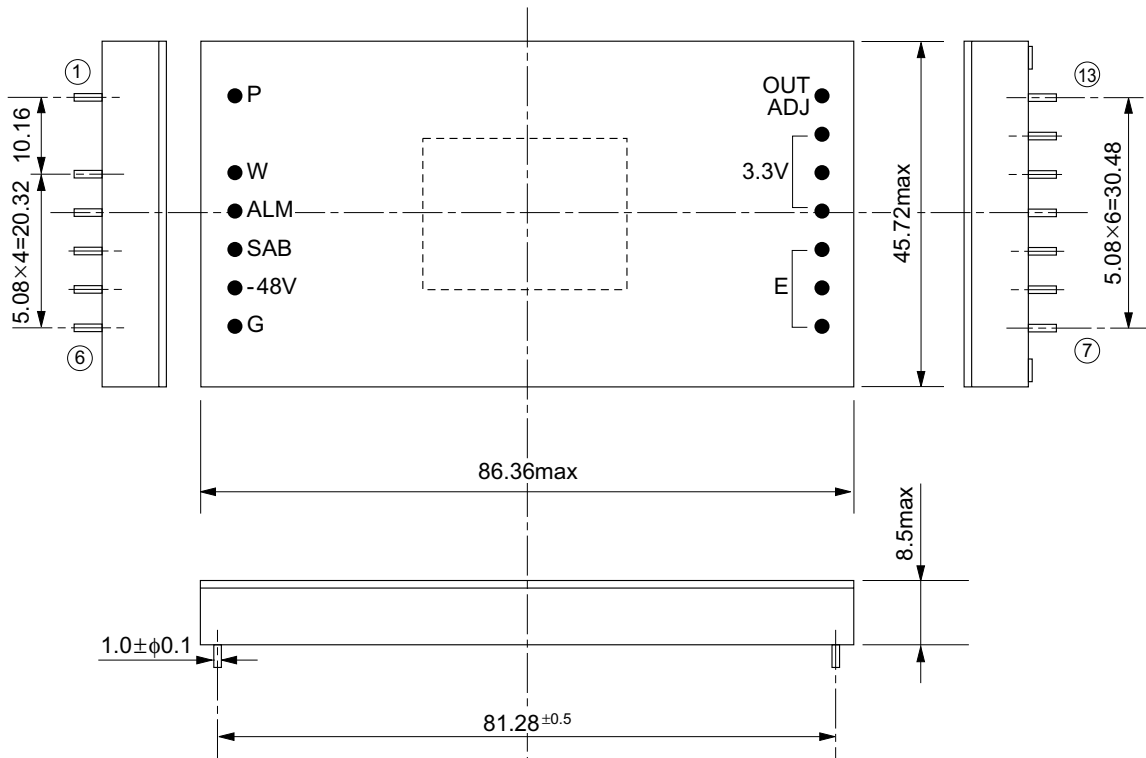


***HHF3.3V10A***

Output voltage	(V)	3.3
Input voltage	(V)	-48
Input voltage range	(V)	-37~-62
Conduction noise	(dBm)	-53
Output voltage range		+5%, -3%
Output Current	(A)	10
Output current range	(A)	0~10
Over current protection	(A)	15
Over voltage protection	(V)	3.5~3.8
Output ripple noise	(mVp-p)	100
Efficiency	(typ)	85%
Operating temperature		4~70°C
Mechanical dimension	(mm)	45.7×86.4×8.5
Isolated voltage	(V)	DC 500
Cooling method		Forced air cooling (1.5m/sec)
Low voltage protection	(V)	2.6

**Outline diagram**


\* Dimensions are in millimeters.

**Pin arrangement**

Pin No.	Symbol	Function
1	P	Output voltage ground pin
2	W	Remote off control signal pin
3	ALM	Alarm signal pin
4	SAB	SAB
5	-48V	Input voltage pin
6	G	Input ground pin
7	E	Output ground pin
8	3.3V	Output voltage pin
9		
10		
11	OUT. ADJ	Not connected*
12		
13		

\*NC may be used for testing by the manufacturer and shall not be connected by the customer.