

# Aluminum Case Resistor - AH-series

## FEATURES

- High power rating, small size and ultra precision.
- Standard winding & non-inductive is available
- High stability, strong construction.

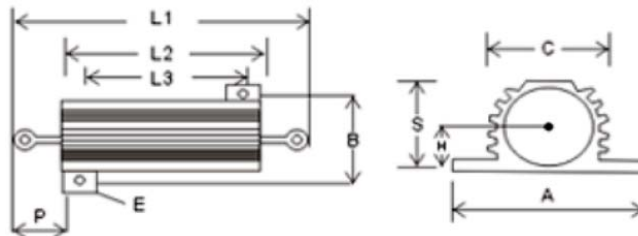
## MATERIAL

- Aluminum case
- Element: Alloy Resistance Wire wound on pottery c
- Filling: SiO<sub>2</sub> sand

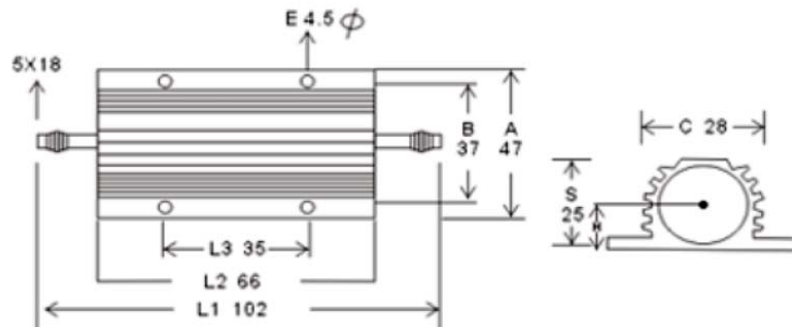


## GENERAL SPECIFICATION

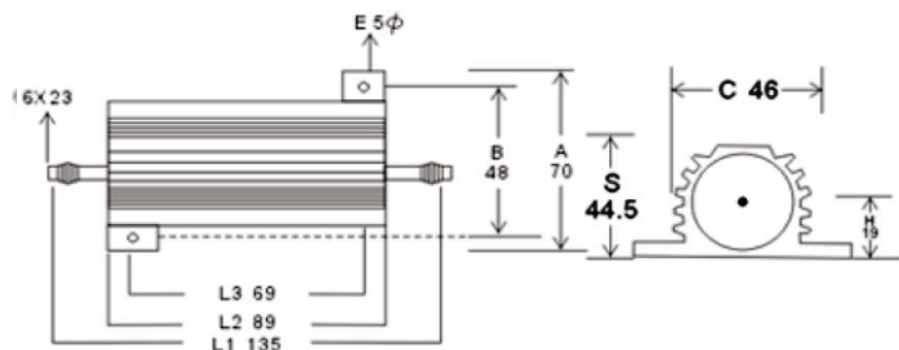
**AH-5W**  
**AH-10W**  
**AH-25W**  
**AH-50W**



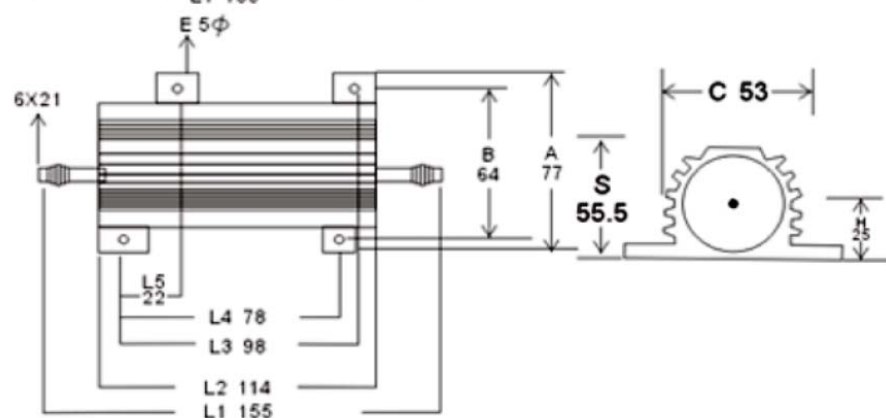
**AH-80W**  
**AH-100WS**



**AH-100W**

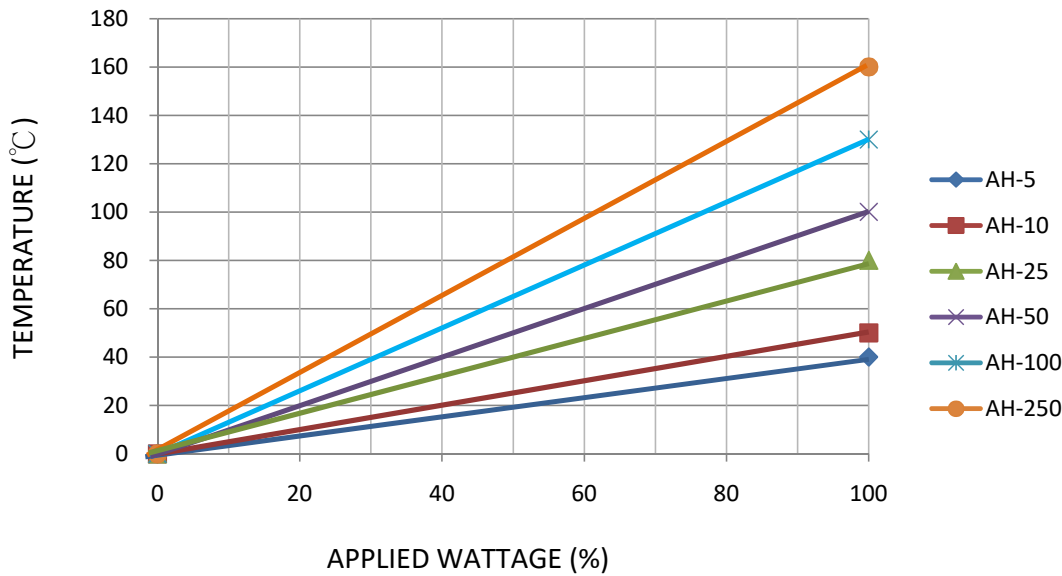


**AH-200W**  
**AH-250W**  
**AH-300W**



TYPE	Dimensions (mm)										Resistance Range
	L1±2	L2±1	L3±1	A±1	B±1	C±1	E±0.3	S±1	H±0.5	P±2	
AH-5W	25	15	10	16.5	12.5	8.5	2	8	4	5	0.1Ω~50K
AH-10W	32	19	14	20	15.5	10.5	2	10	5	6	0.1Ω~50K
AH-25W	47	27	18	27	19	15	3.2	15.5	7	10	0.1Ω~100K
AH-50W	70	50	39	29	21	15	3.2	15.5	7	10	0.1Ω~100K
AH-80W	102	66	35	47	37	28	4.5	25	12	5*18	0.1Ω~3K
AH-100WS	102	66	35	47	37	28	4.5	25	12	5*18	0.1Ω~3K
AH-100W	135	89	69	70	48	46	5	44.5	19.5	6*23	0.1Ω~3K
AH-250W	175	114	98	77	64	53	5	55.5	25	6*21	0.1Ω~3K
AH-300W	175	114	98	77	64	53	5	55.5	25	6*21	0.1Ω~3K

### TEMPERATURE RISE



### CHARACTERISTIC

TEST	TEST METHOD	APPRAISE
Temperature Coefficient	-55°C~155°C	±300ppm max.
Power Rating Load	70±2°C at RCWV for 1000 hours (1.5 Hr. on , 0.5 Hr. off)	±1%
Shorttime Overload	100% rated power for 5 sec.	±2% Max.
Dielectric Withstanding Voltage	AC2000V for 60 seconds	no electrical breakdown
Insulation Resistance	DC500V for 60 seconds	100MΩ Min.

### HOW TO ORDER :

Type	wattage	resistance	tolerance
AH	5W~300W	0Ω1~3KΩ	5%

or consult factory