

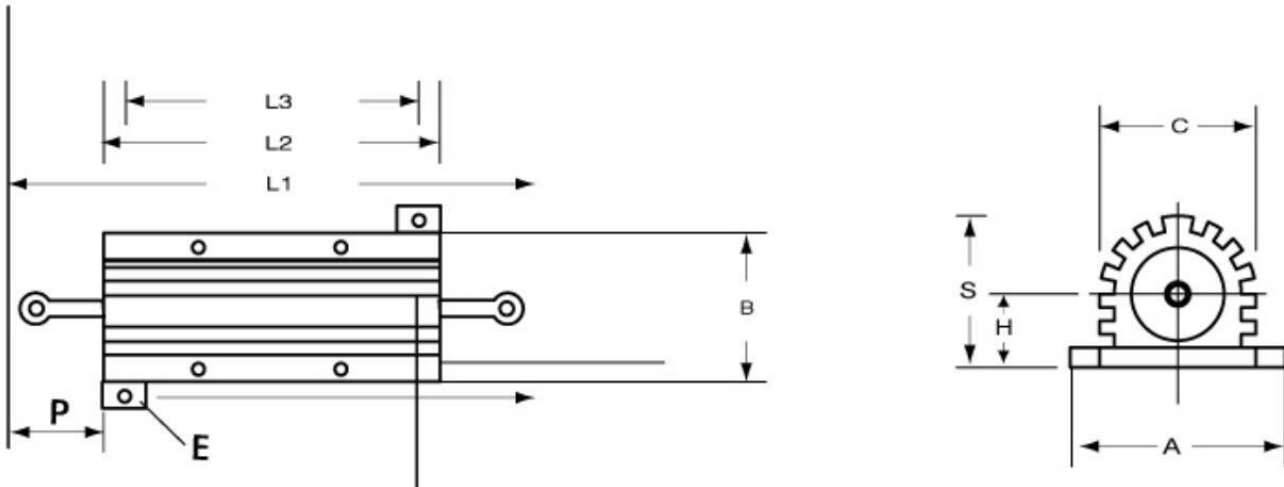
FEATURES

- High power rating , small size and ultra precision
- Standard winding non-inductive winding types
- High stability, strong construction
- Suitable for vehicle
- Wattage Range : 6 styles to choose ranging from 5 to 250 watts
- Resistance Tolerance : $\pm 10\%$, $\pm 5\%$, $\pm 3\%$, $\pm 2\%$, $\pm 1\%$, $\pm 0.5\%$
- Operating Temperature Range : -55°C to $+275^{\circ}\text{C}$
- Dielectric Strength : AH-5,AH-10,AH-25:1000V; AH-50:1500V; AH-100,AH-250:2500V
- Temperature Coefficient of Resistance Standard T.C. : $\pm 30\text{ppm}/^{\circ}\text{C} = 10\Omega$ and up, $\pm 50\text{ppm}/^{\circ}\text{C} = 1$ to 9.99Ω , $\pm 90\text{ppm}/^{\circ}\text{C} =$ below 1Ω

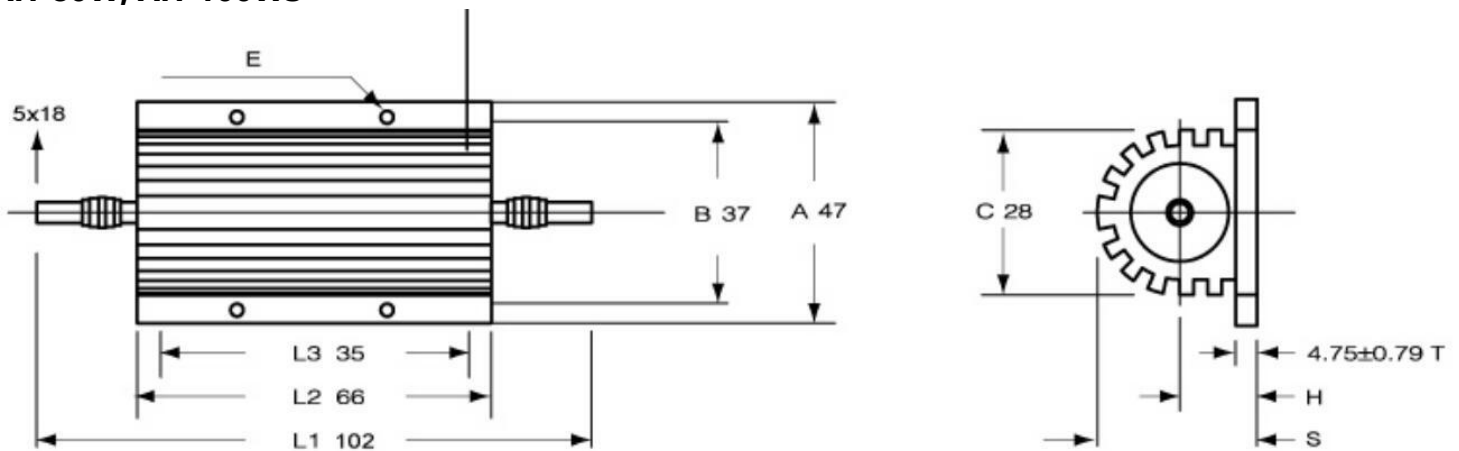


DRAWING and DIMENSIONS (mm)

AH-5W, AH-10W, AH-25W, AH-50W

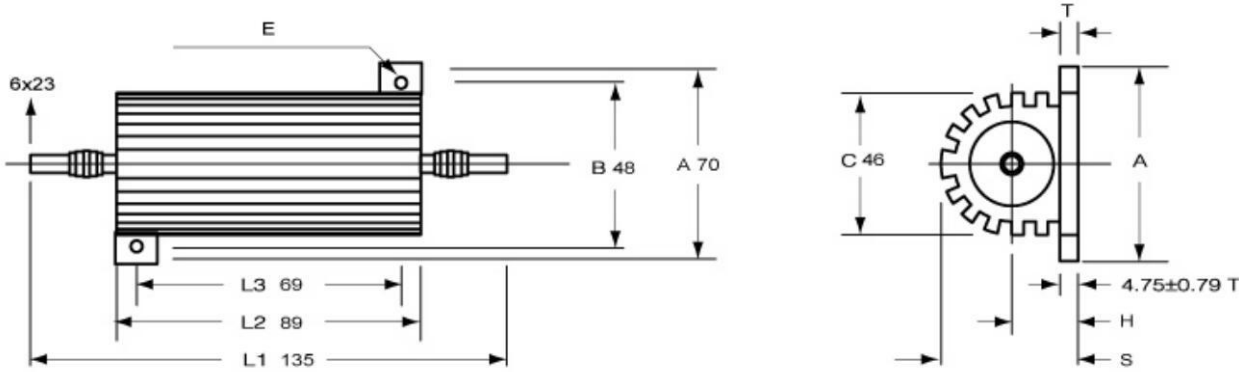


AH-80W, AH-100WS

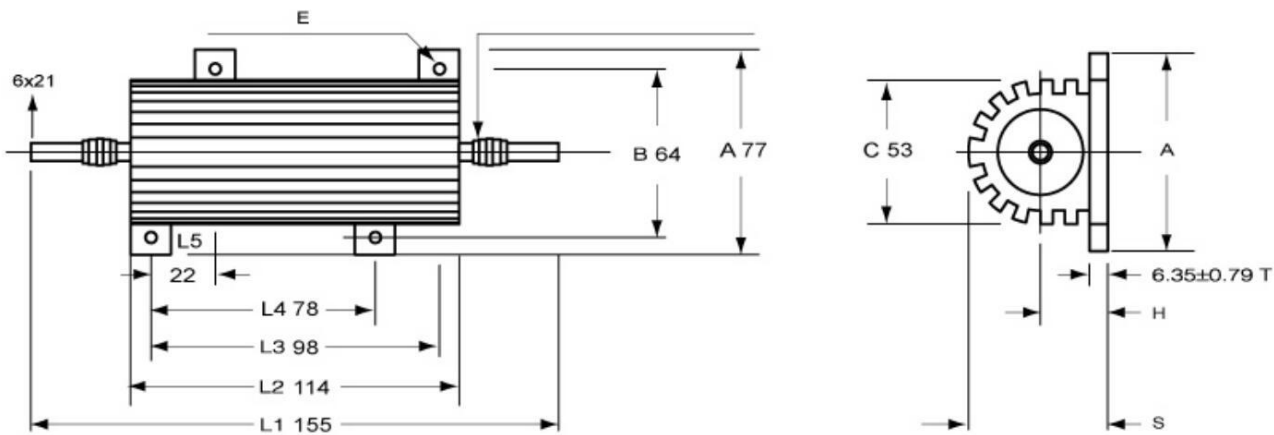


DRAWING and DIMENSIONS (mm)

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	29	14	20	15.5	10.5	2	10	5	6	0.1Ω ~ 100K
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, AH-100WS	102	66	35	47	37	28	4.5	25	12	5*18	0.1Ω ~ 100K
AH-100W	135	89	69	70	48	46	5	44.5	19	6*23	0.1Ω ~ 3K
AH-200W, AH-250W, AH-300W	155	114	98	77	64	53	5	55.5	25	6*21	0.1Ω ~ 3K



Short-time Overload Rating

Load Time (Second)	1	2	3	4	5	10	30	60	180	300	600	900
Power Increase (%)	2600	2000	1600	1400	1300	1000	600	450	200	150	120	110

ELECTRICAL SPECIFICATIONS

Characteristics	Limits	Test Methods
Resistance Tolerance	Resistance $1\Omega \leq R \pm 5\%$ (J) Resistance Tolerance $1\Omega \leq R \pm 10\%$ (K)	JIS-C-5202 5-1
Temperature Coefficient	$\pm 200\text{ppm}/^\circ\text{C}$ Max	JIS-C-5202 5-2b
Power Rating Load	$\Delta R/R \leq \pm(1\% + 0.05\Omega)$ Surface Temp. Rise $350/^\circ\text{C}$ Max	JIS-C-5202 5-4
Short-Time Overload	$\Delta R/R \leq \pm(2\% + 0.05\Omega)$ 100% Rated Power 5 Seconds	JIS-C-5202 5-5
Insulation Resistance	DC 500V 100M Ω Min	JIS-C-5202 5-6
Dielectric Withstanding Voltage	AC 3000V 60 Seconds	JIS-C-5202 5-7

FIG.1 POWER DERATING CURVE

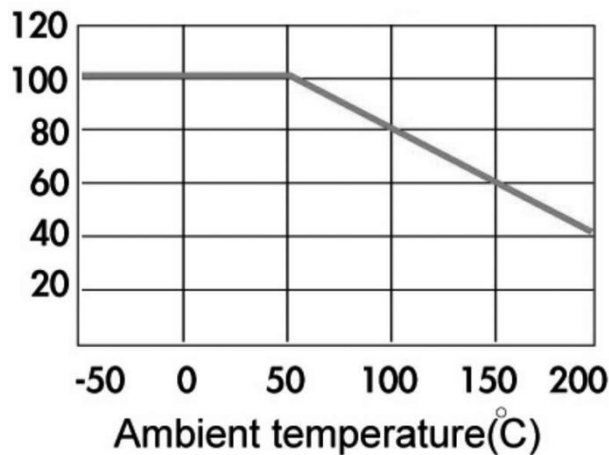
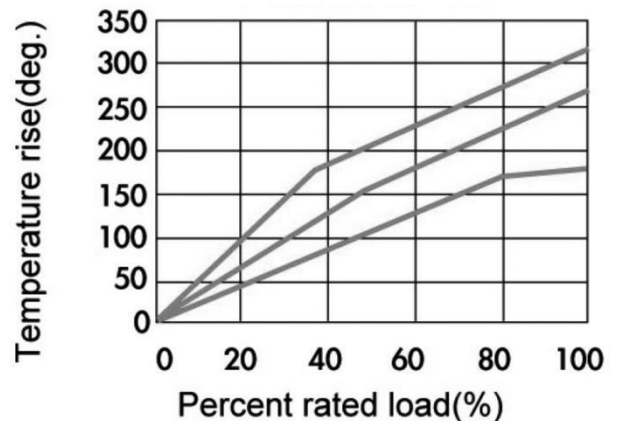


FIG.2 TEMPERATURE RISE



Note: Other resistance is available on request. WEET is capable of doing custom service for you.



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