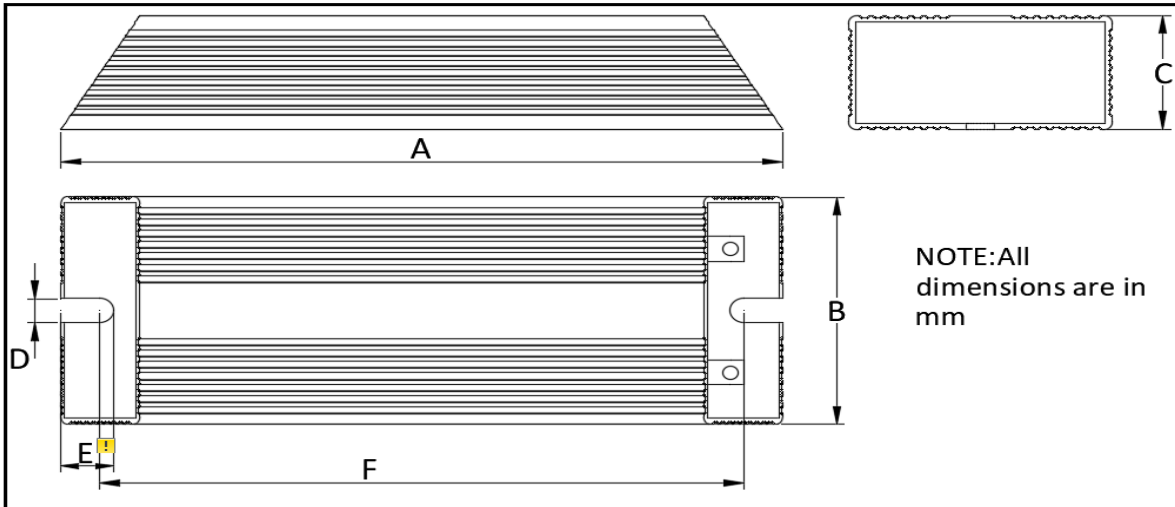


- Available in 60 watt to 4000 watt.
- Range from 0R1 to 5K  $\Omega$ .
- Rugged construction.
- Fly Leads available.
- Inductive/Non inductive types.
- Heat Sink /Panel Mounting.
- Suitable for DBR.
- Tolerance – 5%, 10%.
- Excellent short term overload capacity.
- High Power to Size Ratio.



**Characteristics:**

Insulation resistors	: 10000 for Mega Ohms at 500V DC.
Dielectric strength	: 2KV 1Minute (between terminal & Body).
Temp Coefficient	: +/-200ppm/°C
Short time Overload	: 2.5 times rated Voltage for 5 sec.
Termination	: Tag type & wire type (Custom size available).



DIMENSIONS(mm)								
TYPE	WATT	A $\pm$ 2	B $\pm$ 1	C $\pm$ 1	D $\pm$ 1	E $\pm$ 1	F $\pm$ 1	RANGE( $\Omega$ )
CAHBR - H60	60	115	40	20	6	11	99	0R1-2K
CAHBR - H80	80	140	40	20	6	11	123	0R1-3K
CAHBR - H100	100	165	40	20	6	11	151	0R1-5K
CAHBR - H120	120	190	40	20	6	11	177	0R1-5K
CAHBR - H150	150	215	40	20	6	11	199	0R1-5K
CAHBR - H200	200	165	60	30	6	11	151	0R1-5K
CAHBR - H250	250	175	60	30	6	11	158	0R1-5K
CAHBR - H300	300	215	60	30	6	11	198	0R1-5K
CAHBR - H400	400	265	60	30	6	11	250	0R1-5K
CAHBR - H500	500	335	60	30	6	11	318	0R1-5K
CAHBR - H600	600	335	60	30	6	11	318	0R1-5K
CAHBR - H800	800	400	60	30	6	11	383	0R1-5K
CAHBR - H1000	1000	400	80	40	6	11	383	0R1-5K
CAHBR - H1200	1200	500	80	40	6	11	485	0R1-5K
CAHBR - H1500	1500	550	80	40	6	11	533	0R1-5K
CAHBR - H1750	1750	580	80	40	6	11	563	0R1-5K
CAHBR - H2000	2000	600	80	40	6	11	583	0R1-5K
CAHBR - V2500	2500	500	85	60	6	11	483	0R1-5K
CAHBR - V3000	3000	500	85	60	6	11	483	0R1-5K
CAHBR - V3500	3500	575	85	60	6	11	558	0R1-5K
CAHBR - V4000	4000	600	85	60	6	11	583	0R1-5K

Characteristics	Test Methods	Limits
D C Resistance	Resistors are tested with standard specified voltages for its Ohmic values to check the specified tolerance.	The Resistors shall be within Specified tolerance limits.
Short Time Overload	The Resistors shall be subjected to 2.5 times the Rated Voltage For duration of 5 secs.	$\Delta R\% = \pm 3.0\%$ (+ 0.05 $\Omega$ )
Temp-Coefficient	The Resistors value shall be checked at 2 temps. i.e. one At Ambient & the final at Amb. + 100 C. The TCR is then Calculated as : $\frac{R_2 - R_1}{R_1} \times \frac{1}{t_2 - t_1} \times 10^6 = \text{ppm}/^\circ\text{C}$	+/- 200 PPM/ $^\circ\text{C}$ Lower ppm on request.
Rated Load	A Rated Continuous Working Voltage or Maximum Working Voltage whichever less shall be applied to the resistors for a duration of 2 Hrs.	$\Delta R \% = \pm 2 \% \text{ Max}$
Dielectric strength	A foil is wrapped around the specimen body. A voltage of 2KV @0.5 ma shall be applied between both the terminals of the specimen for a duration of 1 min.	There shall be no flash over or break down.
Load Life	The specimen shall be subjected to an ambient of 70 $^\circ\text{C}$ For duration of 1000 Hrs. The specimen shall also be Loaded forfull power dissipation. The dutycycleshall be 1½ Hr. On & ½Hr. Off.	$\Delta R \% = \pm 5 \% \text{ Max}$
Insulation resistance	Should be > than 10000 Mega Ohm at 500V.	>10000Mega Ohm

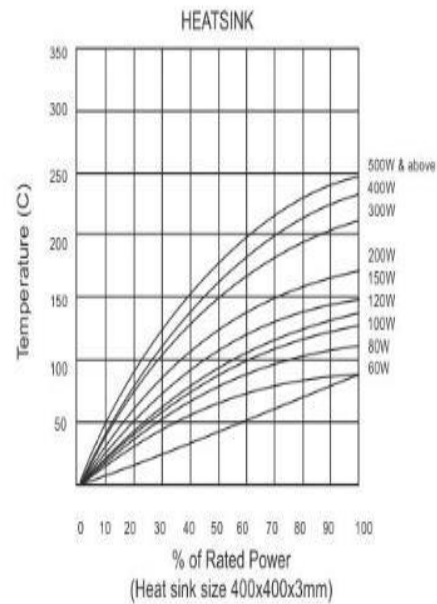
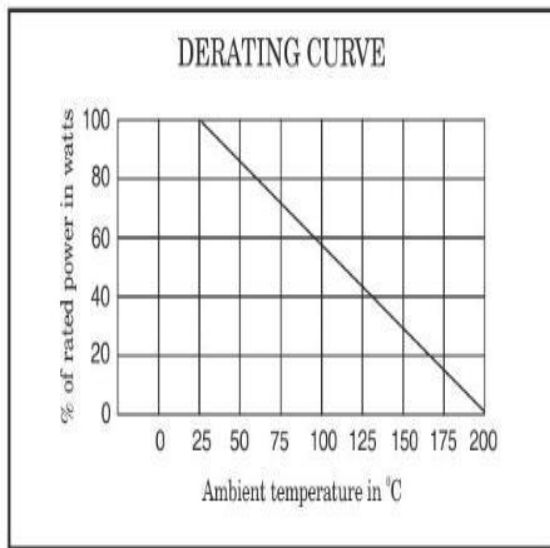


Fig. Characteristic curve



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