



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# BA Series

## Aluminum Cased Resistor



Our Aluminum housed brake resistors are designed for high power and provide great stability. These resistors are constructed using wirewound on ceramic cores and isolated using a mica sheet for high dielectric properties. The aluminum house is filled with a high thermal conductivity material to ensure quick heat dissipation during continues applications. With the ability to have a thermal cut off switch embedded inside the aluminum housing, makes the BA series ideal for any safety application.

### FEATURES

- Three extrusion forms available
- Heatsinkable
- Rugged design
- Up to 1000 watts
- Thermal cut-off available
- Scalable, custom lengths available
- Custom leads available

### APPLICATIONS

- Dynamic Braking
- Motor Starting
- Power Control



### SERIES SPECIFICATIONS

Series	Wattage*	Resistance range	Tolerance	Length
BA1160	500	0.5Ω - 18KΩ	±10%	160mm
BA2320	700	1Ω - 10KΩ	±10%	320mm
BA3266	1000	1Ω - 10KΩ	±10%	266mm

\*Free air rating

### CHARACTERISTICS

<b>Overload</b>	10 times rated wattage for 5 sec.
<b>Power Rating</b>	Free air; greater with heatsink
<b>Dielectric Withstanding Voltage</b>	2.5KV, 1 min., 50/60 Hz
<b>Insulation Resistance</b>	≥100MΩ
<b>Working Voltage</b>	1000V not to exceed max power rating
<b>Max. Surface Temp.</b>	385°C
<b>Wire</b>	UL listed 1199 PTFE 12 AWG

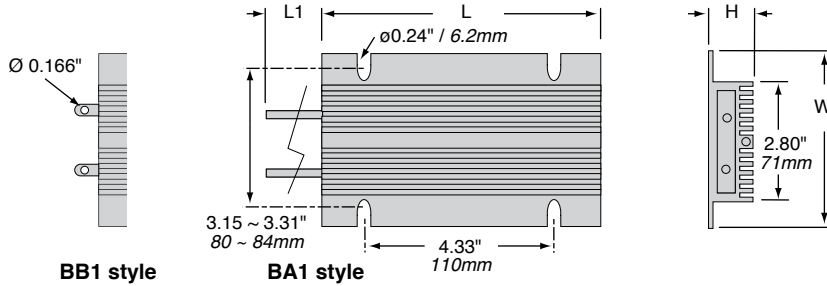
(continued)

# BA Series

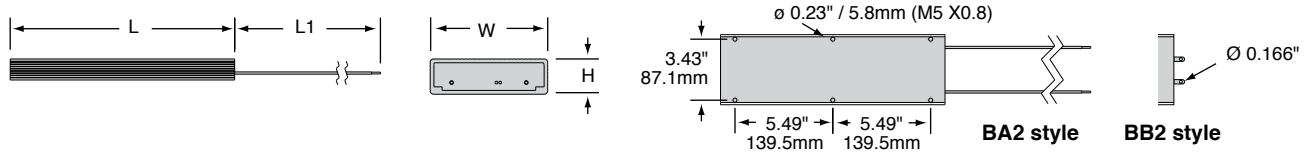
## Aluminum Cased Resistor

### DIMENSIONS

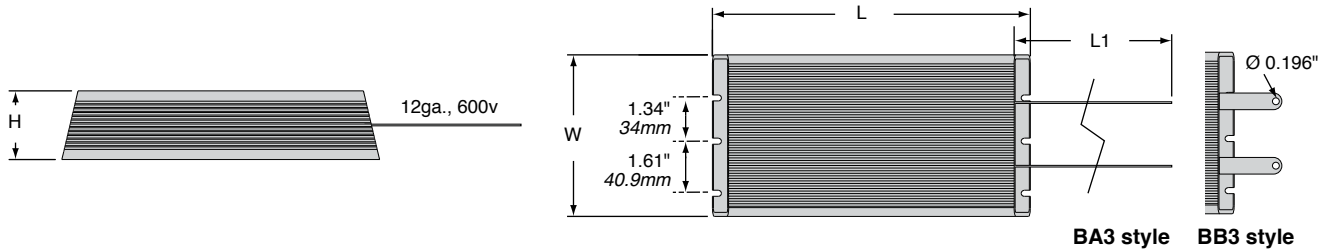
#### BA1 and BB1



#### BA2 and BB2



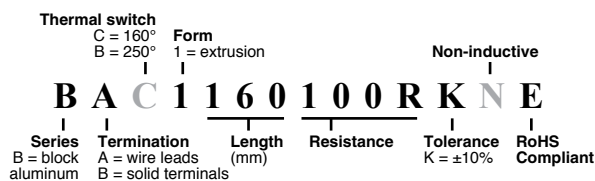
#### BA3 and BB3



Type	L*	L1	W	H
BA1	6.3" / 160mm	10" / 254mm	4.92" / 95mm	1.18" / 30mm
BB1	6.3" / 160mm		4.92" / 95mm	1.18" / 30mm
BA2	12.6" / 320mm	31.5" / 800mm	3.94" / 100mm	1.18" / 30mm
BB2	12.6" / 320mm		3.94" / 100mm	1.18" / 30mm
BA3	10.5" / 266mm	12" / 304.8mm	5" / 127mm	2.13" / 54.1mm
BB3	10.5" / 266mm		5" / 127mm	2.13" / 54.1mm

\* Custom Lengths for Different Wattages

### ORDERING INFORMATION



#### Standard part numbers

BAB1160R500KE	BAB232050R0KE
BAB11601R00KE	BAB32666R00KE
BAB11602R00KE	BAB326610R0KE
BAB116010R0KE	BAB326615R0KE
BAB116025R0KE	BAB326622R0KE
BAB232010R0KE	BAB326650R0KE
BAB232025R0KE	