## : ©hipsmall

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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# 90 Series 

## Lead Free Vitreous Enamel Molded

When you need the highest quality wirewound axial terminal resistors available, choose Ohmite's 90 Series resistors.
They are manufactured by a unique process that molds the vitreous enamel over the resistive element, helping to ensure consistent dimensions. This uniformity permits 90 Series resistors to be mounted in clips, creating a heat-sinking benefit (see next page).
The durable vitreous enamel coating, which is totally lead free, permits the 90 Series resistors to maintain a hard coating while operating at high temperatures. Mechanical integrity is enhanced by the all-welded construction.

## FEATURES

- Molded Construction provides consistent shape and size (Permits mounting in clips which extends power rating).
- Meets MIL-R-26 requirements for insulated resistors.
- All-welded construction.
- Flame resistant lead free vitreous enamel coating.
- Higher ratings in smaller sizes.
- Heat sink mounting clips available.
- RoHS compliant; add "E" suffix to part number to specify.



## Lead Free Vitreous Enamel Molded Axial Term. Wirewound, 5\% Tolerance Standard

Standard part numbers for 90 series


## MOUNTING CLIP



Standard part numbers for mounting clip

## FEATURES

- Prevents severe vibration or mechanical shock to resistor
- Increases resistor wattage up to $100 \%$ when mounted on metal surface (1.5 sq. in. by 0.040 in. thick min. per watt dissipated)
- Holes in clip base permit fastening to chassis surface with machine screws, eyelets or rivets
- Sold in bags of ten (10)

| Part No. | Resistor rating (watts) | $\begin{gathered} \text { Clip } \\ \text { (ength } \\ \text { (in. } / m m \text { ) } \end{gathered}$ | $\begin{gathered} \text { Clip } \\ \text { width } \\ \text { (in./mm) } \end{gathered}$ | $\begin{aligned} & \begin{array}{c} \text { Clip } \\ \text { height } \\ \text { (in./mm) } \end{array} \end{aligned}$ | No. of holes | Hole centers (in./mm) | Hole diameter (in./mm) | $\pm$ = Most popular standard values |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\checkmark 5900$ | 1.5 | 0.40 / 10.319 | $0.150 / 3.810$ | $0.250 / 6.350$ | 1 |  | 0.71 / 1.803 |  |
| $\checkmark 5902$ | 2.25 | 0.35 / 8.890 | 0.217 / 5.500 | 0.275 / 6.980 | 2 | 0.156 / 3.969 | 0.71 / 1.803 | * = Non-standard values subject to |
| +5904 | 3.25 | 0.50 / 12.700 | 0.257 / 6.500 | 0.319 / 8.103 | 2 | 0.250 / 6.350 | $0.093 / 2.362$ | minimum handling charge per |
| +5906 | 5.0 | 0.90 / 22.860 | 0.237 / 6.019 | $0.284 / 7.214$ | 2 | 0.400 / 10.160 | $0.103 / 2.616$ | item |
| $\pm 5908$ | 11.0 | 1.75 / 44.450 | 0.333 / 8.458 | 0.377 / 9.576 | 2 | 0.800 / 20.320 | $0.103 / 2.616$ |  |

