

# 90 Series

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



95J1K6E  
16000J

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.

### SERIES SPECIFICATIONS

| Series | Wattage* | Ohms       | Voltage |
|--------|----------|------------|---------|
| 91     | 1.5      | 0.1Ω-3.6K  | 150     |
| 92     | 2.25     | 0.1Ω-3.5K  | 85      |
| 93     | 3.25     | 0.1Ω-10.5K | 200     |
| 95     | 5.0      | 0.1Ω-25K   | 495     |
| 96     | 6.5      | 0.1Ω-50K   | 625     |
| 90     | 11.0     | 0.1Ω-91K   | 1080    |

\* 2x power ratings by using heat-sink mounting clips shown on following page.

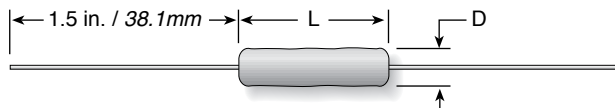
**Note:** Due to space restrictions, parts are stamped with wattage ratings reduced to the nearest whole number. The actual wattage ratings are as published in this catalog.

### CHARACTERISTICS

|                                        |                                                                                                     |
|----------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Coating</b>                         | Molded lead free vitreous enamel                                                                    |
| <b>Core</b>                            | Ceramic                                                                                             |
| <b>Terminals</b>                       | Solder-coated copper clad axial. RoHS solder composition is 96% Sn, 3.5% Ag, 0.5% Cu                |
| <b>Derating</b>                        | Linearly from 100% @ +25°C to 0% @ +350°C                                                           |
| <b>Tolerance</b>                       | ±5% (other tolerances available)                                                                    |
| <b>Power rating</b>                    | Based on 25°C free air rating (other wattages available*)                                           |
| <b>Maximum ohmic values</b>            | See chart                                                                                           |
| <b>Overload</b>                        | Under 11 watts: 5 times rated wattage for 5 seconds. 11 watts: 10 times rated wattage for 5 seconds |
| <b>Temperature coefficient</b>         | 1 to 9.99Ω: ±100 ppm/°C; 10Ω and over: ±30 ppm/°C                                                   |
| <b>Dielectric withstanding voltage</b> | 500 VAC: 1W rating; 1000 VAC: 2, 3, 5 and 11W                                                       |

### DIMENSIONS

(in./mm max.)



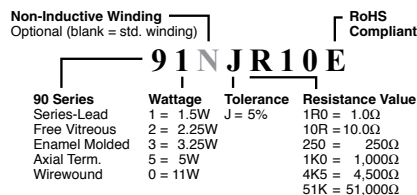
| Series | Wattage | Length       | Diameter    | Lead gauge |
|--------|---------|--------------|-------------|------------|
| 91     | 1.5     | 0.452 / 11.5 | 0.140 / 3.6 | 24         |
| 92     | 2.25    | 0.405 / 10.3 | 0.219 / 5.6 | 20         |
| 93     | 3.25    | 0.577 / 14.7 | 0.234 / 5.9 | 20         |
| 95     | 5.0     | 0.968 / 24.6 | 0.265 / 6.7 | 20         |
| 96     | 6.5     | 0.952 / 24.2 | 0.343 / 8.7 | 20         |
| 90     | 11.0    | 1.811 / 46.0 | 0.343 / 8.7 | 20         |

(continued)

# 90 Series

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

## ORDERING INFORMATION



### Standard part numbers for 90 series

| Ohmic value                  |   |     |   |   |   |   | Wattage                      |   |     |   |   |   |   | Ohmic value                  |       |   |     |   |   |   | Wattage                      |   |        |   |     |   |   | Ohmic value                  |   |        |   |     |   |   | Wattage                      |   |   |  |  |  |  | Ohmic value                  |  |  |  |  |  |  | Wattage |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
|------------------------------|---|-----|---|---|---|---|------------------------------|---|-----|---|---|---|---|------------------------------|-------|---|-----|---|---|---|------------------------------|---|--------|---|-----|---|---|------------------------------|---|--------|---|-----|---|---|------------------------------|---|---|--|--|--|--|------------------------------|--|--|--|--|--|--|---------|--|--|--|--|--|--|---|--|--|--|--|--|--|----|--|--|--|--|--|--|
| Part No.<br>Prefix<br>Suffix |   |     |   |   |   |   | Part No.<br>Prefix<br>Suffix |   |     |   |   |   |   | Part No.<br>Prefix<br>Suffix |       |   |     |   |   |   | Part No.<br>Prefix<br>Suffix |   |        |   |     |   |   | Part No.<br>Prefix<br>Suffix |   |        |   |     |   |   | Part No.<br>Prefix<br>Suffix |   |   |  |  |  |  | Part No.<br>Prefix<br>Suffix |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 1.5                          |   |     |   |   |   |   | 2.25                         |   |     |   |   |   |   | 3.25                         |       |   |     |   |   |   | 5                            |   |        |   |     |   |   | 11                           |   |        |   |     |   |   | 3.25                         |   |   |  |  |  |  | 5                            |  |  |  |  |  |  | 11      |  |  |  |  |  |  | 5 |  |  |  |  |  |  | 11 |  |  |  |  |  |  |
| 1                            | — | 1R0 | ✓ | ✓ | ✓ | ✓ | 22                           | — | 22R | ✓ | ✓ | ✓ | ✓ | ✓                            | 350   | — | 350 | ✓ | ✓ | ✓ | ✓                            | ✓ | 3,500  | — | 3K5 | ✓ | ✓ | ✓                            | ✓ | 13,000 | — | 13K | ✓ | ✓ | ✓                            | ✓ | ✓ |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 1.1                          | — | 1R1 | ✓ | ✓ | ✓ | ✓ | 24                           | — | 24R | ✓ | ✓ | ✓ | ✓ | ✓                            | 360   | — | 360 | ✓ | ✓ | ✓ | ✓                            | ✓ | 3,600  | — | 3K6 | ✓ | ✓ | ✓                            | ✓ | 14,000 | — | 14K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 1.2                          | — | 1R2 | ✓ | ✓ | ✓ | ✓ | 25                           | — | 25R | ✓ | ✓ | ✓ | ✓ | ✓                            | 390   | — | 390 | ✓ | ✓ | ✓ | ✓                            | ✓ | 3,900  | — | 3K9 | ✓ | ✓ | ✓                            | ✓ | 15,000 | — | 15K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 1.3                          | — | 1R3 | ✓ | ✓ | ✓ | ✓ | 27                           | — | 27R | ✓ | ✓ | ✓ | ✓ | ✓                            | 400   | — | 400 | ✓ | ✓ | ✓ | ✓                            | ✓ | 4,000  | — | 4K0 | ✓ | ✓ | ✓                            | ✓ | 16,000 | — | 16K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 1.5                          | — | 1R5 | ✓ | ✓ | ✓ | ✓ | 30                           | — | 30R | ✓ | ✓ | ✓ | ✓ | ✓                            | 430   | — | 430 | ✓ | ✓ | ✓ | ✓                            | ✓ | 4,300  | — | 4K3 | ✓ | ✓ | ✓                            | ✓ | 17,000 | — | 17K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 1.6                          | — | 1R6 | ✓ | ✓ | ✓ | ✓ | 33                           | — | 33R | ✓ | ✓ | ✓ | ✓ | ✓                            | 450   | — | 450 | ✓ | ✓ | ✓ | ✓                            | ✓ | 4,500  | — | 4K5 | ✓ | ✓ | ✓                            | ✓ | 18,000 | — | 18K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 1.8                          | — | 1R8 | ✓ | ✓ | ✓ | ✓ | 35                           | — | 35R | ✓ | ✓ | ✓ | ✓ | ✓                            | 470   | — | 470 | ✓ | ✓ | ✓ | ✓                            | ✓ | 4,700  | — | 4K7 | ✓ | ✓ | ✓                            | ✓ | 20,000 | — | 20K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 2                            | — | 2R0 | ✓ | ✓ | ✓ | ✓ | 36                           | — | 36R | ✓ | ✓ | ✓ | ✓ | ✓                            | 500   | — | 500 | ✓ | ✓ | ✓ | ✓                            | ✓ | 5,000  | — | 5K0 | ✓ | ✓ | ✓                            | ✓ | 22,000 | — | 22K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 2.2                          | — | 2R2 | ✓ | ✓ | ✓ | ✓ | 39                           | — | 39R | ✓ | ✓ | ✓ | ✓ | ✓                            | 510   | — | 510 | ✓ | ✓ | ✓ | ✓                            | ✓ | 5,100  | — | 5K1 | ✓ | ✓ | ✓                            | ✓ | 24,000 | — | 24K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 2.4                          | — | 2R4 | ✓ | ✓ | ✓ | ✓ | 40                           | — | 40R | ✓ | ✓ | ✓ | ✓ | ✓                            | 560   | — | 560 | ✓ | ✓ | ✓ | ✓                            | ✓ | 5,600  | — | 5K6 | ✓ | ✓ | ✓                            | ✓ | 25,000 | — | 25K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 2.7                          | — | 2R7 | ✓ | ✓ | ✓ | ✓ | 43                           | — | 43R | ✓ | ✓ | ✓ | ✓ | ✓                            | 600   | — | 600 | ✓ | ✓ | ✓ | ✓                            | ✓ | 6,000  | — | 6K0 | ✓ | ✓ | ✓                            | ✓ | 27,000 | — | 27K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 3                            | — | 3R0 | ✓ | ✓ | ✓ | ✓ | 47                           | — | 47R | ✓ | ✓ | ✓ | ✓ | ✓                            | 620   | — | 620 | ✓ | ✓ | ✓ | ✓                            | ✓ | 6,200  | — | 6K2 | ✓ | ✓ | ✓                            | ✓ | 30,000 | — | 30K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 3.3                          | — | 3R3 | ✓ | ✓ | ✓ | ✓ | 50                           | — | 50R | ✓ | ✓ | ✓ | ✓ | ✓                            | 680   | — | 680 | ✓ | ✓ | ✓ | ✓                            | ✓ | 6,800  | — | 6K8 | ✓ | ✓ | ✓                            | ✓ | 33,000 | — | 33K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 3.6                          | — | 3R6 | ✓ | ✓ | ✓ | ✓ | 51                           | — | 51R | ✓ | ✓ | ✓ | ✓ | ✓                            | 700   | — | 700 | ✓ | ✓ | ✓ | ✓                            | ✓ | 7,000  | — | 7K0 | ✓ | ✓ | ✓                            | ✓ | 35,000 | — | 35K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 3.9                          | — | 3R9 | ✓ | ✓ | ✓ | ✓ | 56                           | — | 56R | ✓ | ✓ | ✓ | ✓ | ✓                            | 750   | — | 750 | ✓ | ✓ | ✓ | ✓                            | ✓ | 7,500  | — | 7K5 | ✓ | ✓ | ✓                            | ✓ | 36,000 | — | 36K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 4                            | — | 4R0 | ✓ | ✓ | ✓ | ✓ | 62                           | — | 62R | ✓ | ✓ | ✓ | ✓ | ✓                            | 800   | — | 800 | ✓ | ✓ | ✓ | ✓                            | ✓ | 8,000  | — | 8K0 | ✓ | ✓ | ✓                            | ✓ | 39,000 | — | 39K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 4.3                          | — | 4R3 | ✓ | ✓ | ✓ | ✓ | 68                           | — | 68R | ✓ | ✓ | ✓ | ✓ | ✓                            | 820   | — | 820 | ✓ | ✓ | ✓ | ✓                            | ✓ | 8,200  | — | 8K2 | ✓ | ✓ | ✓                            | ✓ | 40,000 | — | 40K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 4.7                          | — | 4R7 | ✓ | ✓ | ✓ | ✓ | 75                           | — | 75R | ✓ | ✓ | ✓ | ✓ | ✓                            | 900   | — | 900 | ✓ | ✓ | ✓ | ✓                            | ✓ | 9,000  | — | 9K0 | ✓ | ✓ | ✓                            | ✓ | 43,000 | — | 43K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 5                            | — | 5R0 | ✓ | ✓ | ✓ | ✓ | 82                           | — | 82R | ✓ | ✓ | ✓ | ✓ | ✓                            | 910   | — | 910 | ✓ | ✓ | ✓ | ✓                            | ✓ | 9,100  | — | 9K1 | ✓ | ✓ | ✓                            | ✓ | 45,000 | — | 45K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 5.1                          | — | 5R1 | ✓ | ✓ | ✓ | ✓ | 91                           | — | 91R | ✓ | ✓ | ✓ | ✓ | ✓                            | 1,000 | — | 1K0 | ✓ | ✓ | ✓ | ✓                            | ✓ | 10,000 | — | 10K | ✓ | ✓ | ✓                            | ✓ | 47,000 | — | 47K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 5.6                          | — | 5R6 | ✓ | ✓ | ✓ | ✓ | 100                          | — | 100 | ✓ | ✓ | ✓ | ✓ | ✓                            | 1,100 | — | 1K1 | ✓ | ✓ | ✓ | ✓                            | ✓ | 11,000 | — | 11K | ✓ | ✓ | ✓                            | ✓ | 50,000 | — | 50K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 6.2                          | — | 6R2 | ✓ | ✓ | ✓ | ✓ | 110                          | — | 110 | ✓ | ✓ | ✓ | ✓ | ✓                            | 1,200 | — | 1K2 | ✓ | ✓ | ✓ | ✓                            | ✓ | 12,000 | — | 12K | ✓ | ✓ | ✓                            | ✓ | 51,000 | — | 51K | ✓ | ✓ | ✓                            | ✓ |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 6.8                          | — | 6R8 | ✓ | ✓ | ✓ | ✓ | 120                          | — | 120 | ✓ | ✓ | ✓ | ✓ | ✓                            | 1,300 | — | 1K3 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 7.5                          | — | 7R5 | ✓ | ✓ | ✓ | ✓ | 130                          | — | 130 | ✓ | ✓ | ✓ | ✓ | ✓                            | 1,400 | — | 1K4 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 8.2                          | — | 8R2 | ✓ | ✓ | ✓ | ✓ | 150                          | — | 150 | ✓ | ✓ | ✓ | ✓ | ✓                            | 1,500 | — | 1K5 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 9.1                          | — | 9R1 | ✓ | ✓ | ✓ | ✓ | 160                          | — | 160 | ✓ | ✓ | ✓ | ✓ | ✓                            | 1,600 | — | 1K6 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 10                           | — | 10R | ✓ | ✓ | ✓ | ✓ | 180                          | — | 180 | ✓ | ✓ | ✓ | ✓ | ✓                            | 1,800 | — | 1K8 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 11                           | — | 11R | ✓ | ✓ | ✓ | ✓ | 200                          | — | 200 | ✓ | ✓ | ✓ | ✓ | ✓                            | 2,000 | — | 2K0 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 12                           | — | 12R | ✓ | ✓ | ✓ | ✓ | 220                          | — | 220 | ✓ | ✓ | ✓ | ✓ | ✓                            | 2,200 | — | 2K2 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 13                           | — | 13R | ✓ | ✓ | ✓ | ✓ | 240                          | — | 240 | ✓ | ✓ | ✓ | ✓ | ✓                            | 2,400 | — | 2K4 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 15                           | — | 15R | ✓ | ✓ | ✓ | ✓ | 250                          | — | 250 | ✓ | ✓ | ✓ | ✓ | ✓                            | 2,500 | — | 2K5 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 16                           | — | 16R | ✓ | ✓ | ✓ | ✓ | 270                          | — | 270 | ✓ | ✓ | ✓ | ✓ | ✓                            | 2,700 | — | 2K7 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 18                           | — | 18R | ✓ | ✓ | ✓ | ✓ | 300                          | — | 300 | ✓ | ✓ | ✓ | ✓ | ✓                            | 3,000 | — | 3K0 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |
| 20                           | — | 20R | ✓ | ✓ | ✓ | ✓ | 330                          | — | 330 | ✓ | ✓ | ✓ | ✓ | ✓                            | 3,300 | — | 3K3 | ✓ | ✓ | ✓ | ✓                            | ✓ |        |   |     |   |   |                              |   |        |   |     |   |   |                              |   |   |  |  |  |  |                              |  |  |  |  |  |  |         |  |  |  |  |  |  |   |  |  |  |  |  |  |    |  |  |  |  |  |  |

✓ = Standard values

✱ = Non-standard values subject to minimum handling charge per item

Shaded values involve very fine resistance wire and should not be used in critical applications without burn-in and/or thermal cycling.

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✦ = Non-standard values subject to minimum handling charge per item

Shaded values involve very fine resistance wire and should not be used in critical applications without burn-in and/or thermal cycling.

## 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)

### Standard part numbers for mounting clip

| Part No. | Resistor rating (watts) | Clip length (in./mm) | Clip width (in./mm) | Clip height (in./mm) | No. of holes | Hole centers (in./mm) | Hole diameter (in./mm) |                                                                     |
|----------|-------------------------|----------------------|---------------------|----------------------|--------------|-----------------------|------------------------|---------------------------------------------------------------------|
| ✓ 5900   | 1.5                     | 0.40 / 10.319        | 0.150 / 3.810       | 0.250 / 6.350        | 1            |                       | 0.71 / 1.803           | ✦ = Most popular standard values                                    |
| ✓ 5902   | 2.25                    | 0.35 / 8.890         | 0.217 / 5.500       | 0.275 / 6.980        | 2            | 0.156 / 3.969         | 0.71 / 1.803           | ✓ = Standard values                                                 |
| ✦ 5904   | 3.25                    | 0.50 / 12.700        | 0.257 / 6.500       | 0.319 / 8.103        | 2            | 0.250 / 6.350         | 0.093 / 2.362          | ✦ = Non-standard values subject to minimum handling charge per item |
| ✦ 5906   | 5.0                     | 0.90 / 22.860        | 0.237 / 6.019       | 0.284 / 7.214        | 2            | 0.400 / 10.160        | 0.103 / 2.616          |                                                                     |
| ✦ 5908   | 11.0                    | 1.75 / 44.450        | 0.333 / 8.458       | 0.377 / 9.576        | 2            | 0.800 / 20.320        | 0.103 / 2.616          |                                                                     |