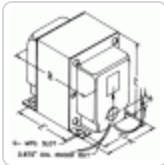


## D.C. Filter Chokes *193 Series*

Enclosed & Potted Chassis Mount

### Features



- Enclosed, 4-hole mount chokes (some models also available epoxy potted in a black powder paint - drawn steel housing (see chart). Potted models mount with 1/4" - 20 hardware (included).
- Tolerance of 15% on both inductance & resistance.
- Inductances measured at rated D.C. current.
- Minimum 8" long leads.
- Units will exhibit less inductance at slightly higher currents or more at lower currents.
- Perfect for high voltage power supply filtering, case matches power transformers & tube audio output transformers.
- Units are vacuum impregnated with polyurethane varnish for quiet and long life operation.
- For more sizes and voltages (open - bracket mount type) - link here to our **153-159 Series**.
- Operating temperature range is -40C to 65C
- Insulation class 105C
- Proper Henry testing requires an LCR meter in junction with a 25A power supply that does allow for DC bias as well a higher applied AC drive voltage to meet the test specifications.

| Part No. | Style    | Inductance<br>(henries) | D.C. Current<br>(ma.) | Resistance<br>(Ohms) | Maximum<br>Operating<br>(Volts D.C.) | Weight<br>(lbs.) | Dimension<br>Ref. |
|----------|----------|-------------------------|-----------------------|----------------------|--------------------------------------|------------------|-------------------|
| 193T     | Enclosed | 0.05H                   | 2000                  | 0.7                  | 300                                  | 2.5              | X6                |
| 193V     | Enclosed | 0.15H                   | 3000                  | 1                    | 300                                  | 9                | X14               |
| 193U     | Enclosed | 0.2H                    | 2000                  | 1.7                  | 300                                  | 6                | X12               |
| 193R     | Enclosed | 0.3H                    | 1000                  | 3.5                  | 1000                                 | 4.5              | X10               |
| 193S     | Enclosed | 1.0H                    | 1000                  | 5.75                 | 1000                                 | 8                | X13               |
| 193K     | Enclosed | 2.6H                    | 300                   | 21                   | 800                                  | 3.25             | X8                |
| 193N     | Enclosed | 3H                      | 500                   | 35                   | 600                                  | 5                | X11               |
| 193NP    | Potted   | 3H                      | 500                   | 36                   | 800                                  | 7                | P1                |
| 193H     | Enclosed | 5H                      | 200                   | 65                   | 600                                  | 2.5              | X6                |
| 193L     | Enclosed | 5H                      | 300                   | 57                   | 800                                  | 5.5              | X11               |
| 193LP    | Potted   | 5H                      | 300                   | 55                   | 800                                  | 7.5              | P1                |
| 193P     | Enclosed | 5H                      | 500                   | 26                   | 800                                  | 10.75            | X14               |
| 193D     | Enclosed | 8H                      | 150                   | 75                   | 600                                  | 3.25             | X8                |
| 193G     | Enclosed | 10H                     | 150                   | 102                  | 800                                  | 4.25             | X17               |
| 193GP    | Potted   | 10H                     | 150                   | 103                  | 800                                  | 6                | P1                |
| 193J     | Enclosed | 10H                     | 200                   | 82                   | 800                                  | 5.5              | X11               |
| 193JP    | Potted   | 10H                     | 200                   | 79                   | 800                                  | 7.5              | P1                |
| 193M     | Enclosed | 10H                     | 300                   | 63                   | 800                                  | 10.5             | X14               |
| 193MP    | Potted   | 10H                     | 300                   | 63                   | 800                                  | 10.5             | P1                |

| Part No. | Style    | Inductance<br>(henries) | D.C. Current<br>(ma.) | Resistance<br>(Ohms) | Maximum<br>Operating<br>(Volts D.C.) | Weight<br>(lbs.) | Dimension<br>Ref. |
|----------|----------|-------------------------|-----------------------|----------------------|--------------------------------------|------------------|-------------------|
| 193Q     | Enclosed | 10H                     | 500                   | 53                   | 1000                                 | 21               | X16               |
| 193B     | Enclosed | 12H                     | 100                   | 155                  | 600                                  | 2.5              | X6                |
| 193C     | Enclosed | 20H                     | 100                   | 181                  | 600                                  | 3.25             | X7                |
| 193CP    | Potted   | 20H                     | 100                   | 184                  | 800                                  | 5                | P1                |
| 193A     | Enclosed | 200H                    | 30                    | 2000                 | 600                                  | 3                | X7                |

## Mechanical Data

| Mtg. Style | Dimensions |      |      |      |      |             |
|------------|------------|------|------|------|------|-------------|
|            | A          | B    | C    | D    | E    | G-Mtg. Slot |
| P1         | 3.31       | 3.88 | 4.25 | -    | -    | -           |
| X6         | 2.50       | 2.75 | 3.06 | 2.00 | 1.69 | .203 x .38  |
| X7         | 2.50       | 2.94 | 3.06 | 2.00 | 1.94 | .203 x .38  |
| X8         | 2.50       | 3.25 | 3.06 | 2.00 | 2.19 | .203 x .38  |
| X10        | 3.13       | 3.50 | 3.81 | 2.50 | 2.19 | .203 x .38  |
| X11        | 3.13       | 3.75 | 3.81 | 2.50 | 2.44 | .203 x .38  |
| X12        | 3.13       | 4.25 | 3.81 | 2.50 | 2.94 | .203 x .38  |
| X13        | 3.75       | 4.00 | 4.56 | 3.00 | 2.81 | .203 x .38  |
| X14        | 3.75       | 4.50 | 4.56 | 3.00 | 3.31 | .203 x .38  |
| X16        | 3.75       | 5.50 | 4.56 | 3.00 | 4.31 | .203 x .38  |
| X17        | 3.13       | 3.25 | 3.81 | 2.50 | 1.94 | .203 x .38  |

Tags: choke, DC, high voltage, power supply, filter, enclosed, potted, inductance

Data subject to change without notice.