



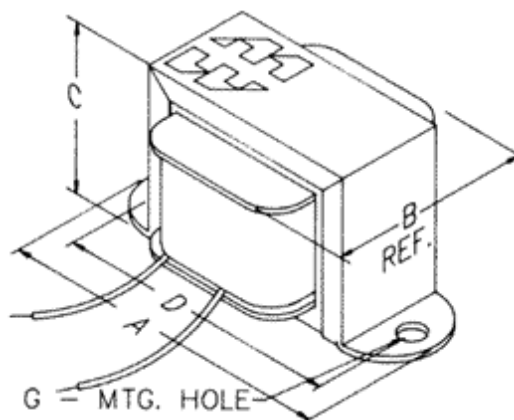
Quality Products. Service Excellence.

## D.C. Reactors or filter chokes 153-159 Series

Low to medium current

### Features

- Economical "open bracket" channel mount.
- Tolerance of 15% on both inductance & resistance.
- Inductances measured at rated D.C. current.
- Minimum 5" long leads.
- Units will exhibit less inductance at slightly higher currents or more inductance at lower currents.
- Perfect for high voltage power supply filtering.
- Every unit is Hipot tested (100%) at 1,500 VAC
- Units are vacuum impregnated with polyurethane varnish for quiet operation and long life
- For more sizes and voltages in enclosed-type design, refer to our **193 Series**.



| Part No. | Inductance<br>+/- 15% (mH) | D.C.<br>Current | Resistance<br>+/- 15%<br>(Ohms) | Maximum<br>Operating<br>Volts (D.C.) | Weight<br>(lbs.) | Dim. Ref. |
|----------|----------------------------|-----------------|---------------------------------|--------------------------------------|------------------|-----------|
| 157D     | 1mH                        | 10 A            | 0.038                           | 400                                  | 1                | C9H       |
| 156B     | 1.5mH                      | 5 A             | 0.07                            | 400                                  | 0.5              | C6H       |
| 159ZL    | 2.5mH                      | 10 A            | 0.044                           | 500                                  | 2.75             | C14H      |
| 154B     | 3mH                        | 1.5 A           | 0.14                            | 300                                  | 0.25             | C2H       |
| 155B     | 6mH                        | 2 A             | 0.3                             | 400                                  | 0.3              | C4H       |
| 157E     | 6mH                        | 4 A             | 0.133                           | 500                                  | 1                | C9H       |
| 159ZJ    | 10mH                       | 5 A             | 0.16                            | 500                                  | 2.75             | C14H      |
| 159ZG    | 15mH                       | 4 A             | 0.25                            | 500                                  | 2.75             | C14H      |
| 159ZE    | 28mH                       | 3 A             | 0.43                            | 500                                  | 2.75             | C14H      |
| 159ZC    | 60mH                       | 2 A             | 0.7                             | 500                                  | 2.5              | C14H      |
| 159ZA    | 300mH                      | 1 A             | 6                               | 500                                  | 2.5              | C14H      |
| 159ZB    | 320mH                      | 600 ma.         | 7.8                             | 400                                  | 1.5              | C10H      |
| 155T     | 0.5H                       | 300 ma.         | 30                              | 400                                  | 0.5              | C4H       |
| 153M     | 0.6H                       | 100 ma.         | 86                              | 300                                  | 0.1              | C1H       |
| 159Y     | 0.6H                       | 750 ma.         | 11                              | 500                                  | 2.25             | C14H      |
| 153L     | 0.9H                       | 75 ma.          | 125                             | 300                                  | 0.1              | C1H       |

| Part No. | Inductance<br>+/- 15% (mH) | D.C.<br>Current | Resistance<br>+/- 15%<br>(Ohms) | Maximum<br>Operating<br>Volts (D.C.) | Weight<br>(lbs.) | Dim. Ref. |
|----------|----------------------------|-----------------|---------------------------------|--------------------------------------|------------------|-----------|
| 158SA    | 1.0H                       | 240 ma.         | 41                              | 400                                  | 0.5              | C6H       |
| 158T     | 1.0H                       | 300 ma.         | 40                              | 400                                  | 1.5              | C10H      |
| 156R     | 1.5H                       | 200 ma.         | 56                              | 400                                  | 0.5              | C6H       |
| 158S     | 1.5H                       | 250 ma.         | 60                              | 400                                  | 1.5              | C10H      |
| 158TA    | 1.5H                       | 300 ma.         | 40                              | 400                                  | 1.7              | C12H      |
| 159V     | 1.5H                       | 500 ma.         | 27                              | 500                                  | 2.25             | C14H      |
| 154M     | 2H                         | 100 ma.         | 175                             | 300                                  | 0.25             | C2H       |
| 157R     | 2H                         | 200 ma.         | 57                              | 400                                  | 1                | C9H       |
| 153H     | 2.2H                       | 50 ma.          | 305                             | 300                                  | 0.1              | C1H       |
| 159T     | 2.5H                       | 300 ma.         | 43                              | 500                                  | 2.25             | C14H      |
| 156M     | 3H                         | 100 ma.         | 86                              | 400                                  | 0.5              | C6H       |
| 157Q     | 3.5H                       | 150 ma.         | 98                              | 400                                  | 1                | C9H       |
| 154H     | 4H                         | 50 ma.          | 300                             | 300                                  | 0.25             | C2H       |
| 159S     | 4H                         | 225 ma.         | 65                              | 500                                  | 2.25             | C14H      |
| 155H     | 5H                         | 50 ma.          | 270                             | 400                                  | 0.3              | C4H       |
| 156L     | 5H                         | 75 ma.          | 135                             | 400                                  | 0.5              | C6H       |
| 158Q     | 5H                         | 150 ma.         | 105                             | 400                                  | 1.25             | C10H      |
| 159R     | 6H                         | 200 ma.         | 150                             | 500                                  | 2.2              | C14H      |
| 153E     | 7H                         | 25 ma.          | 770                             | 300                                  | 0.1              | C1H       |
| 155G     | 7H                         | 40 ma.          | 340                             | 400                                  | 0.3              | C4H       |
| 156LA    | 7H                         | 75 ma.          | 241                             | 400                                  | 1.1              | C9H       |
| 159Q     | 7H                         | 150 ma.         | 100                             | 500                                  | 2.25             | C14H      |
| 157M     | 8H                         | 100 ma.         | 259                             | 400                                  | 1                | C9H       |
| 154G     | 9H                         | 40 ma.          | 700                             | 300                                  | 0.25             | C2H       |
| 156G     | 9H                         | 40 ma.          | 300                             | 400                                  | 0.5              | C6H       |
| 157H     | 10H                        | 50 ma.          | 408                             | 500                                  | 0.5              | C6H       |
| 157J     | 10H                        | 65 ma.          | 205                             | 400                                  | 1                | C9H       |
| 158M     | 10H                        | 100 ma.         | 195                             | 400                                  | 1.25             | C10H      |
| 159P     | 10H                        | 125 ma.         | 155                             | 500                                  | 2.25             | C14H      |
| 157L     | 14H                        | 75 ma.          | 429                             | 400                                  | 1                | C9H       |
| 154EA    | 15H                        | 20 ma.          | 966                             | 500                                  | 0.25             | C2H       |
| 155J     | 15H                        | 30 ma.          | 1026                            | 400                                  | 0.3              | C4H       |
| 158L     | 15H                        | 75 ma.          | 411                             | 400                                  | 1.25             | C10H      |
| 159M     | 15H                        | 100 ma.         | 256                             | 500                                  | 2.25             | C14H      |
| 154E     | 20H                        | 20 ma.          | 1666                            | 300                                  | 0.25             | C2H       |
| 157G     | 30H                        | 40 ma.          | 595                             | 400                                  | 1                | C9H       |
| 155C     | 60H                        | 8 ma.           | 2750                            | 400                                  | 0.3              | C4H       |
| 156C     | 150H                       | 8 ma.           | 3700                            | 400                                  | 0.5              | C6H       |

## Mechanical Data

| Mtg. Style | Dimensions |      |      |      | Mtg. Hole |
|------------|------------|------|------|------|-----------|
|            | A          | B    | C    | D    |           |
| C1H        | 1.63       | 0.88 | 0.81 | 1.38 | 0.12      |
| C2H        | 2.06       | 1.25 | 1.19 | 1.75 | 0.19      |
| C4H        | 2.38       | 1.38 | 1.38 | 2.00 | 0.19      |
| C6H        | 2.81       | 1.50 | 1.69 | 2.38 | 0.19      |
| C9H        | 3.25       | 1.75 | 2.00 | 2.81 | 0.19      |
| C10H       | 3.25       | 1.88 | 2.00 | 2.81 | 0.19      |
| C12H       | 3.69       | 2.00 | 2.31 | 3.13 | 0.19      |
| C14H       | 4.03       | 2.25 | 2.63 | 3.56 | 0.19      |

Tags: choke, filter choke, dc reactor, inductance, open frame

Data subject to change without notice

