



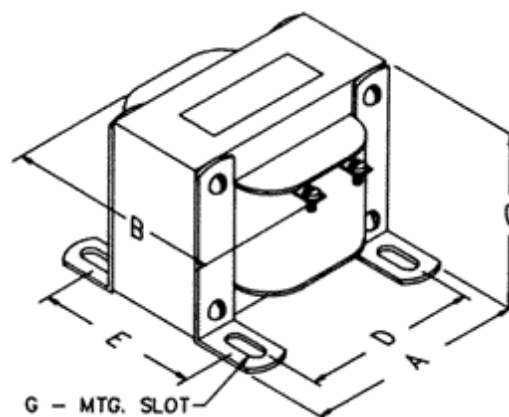
*Quality Products. Service Excellence.*

## Heavy Current Chassis Mount 195-196 Series

### Features



- Open core & coil, 4-slot bracket mounting chokes.
- Tolerance of 15% on both inductance & resistance.
- Inductances measured at rated D.C. current.
- The "195" series is single coil
- The "196" series is dual coil - allowing more versatility
- Recommended maximum operating voltage 600 VAC (winding to core).
- Hipot tested at 2,500 VAC
- Connections are made to a screw terminal or heavy copper tabs with holes
- Perfect for high current power supply filtering.
- For AC applications 60 Hz to 10,000 Hz try our **197 Series**



### 195 Series

| Part No. | Inductance mH<br>(Millihenries) | D.C. Current<br>(Amps) | Resistance<br>(Ohms) | Insulation<br>Class | Dimensions |      |      |      |      | Mounting Slot |        | Weight<br>(lbs.) |
|----------|---------------------------------|------------------------|----------------------|---------------------|------------|------|------|------|------|---------------|--------|------------------|
|          |                                 |                        |                      |                     | A          | B    | C    | D    | E    | G             |        |                  |
| 195A200  | 0.3                             | 200                    | 0.0012               | -                   | 7.50       | 7.00 | 6.50 | 6.00 | 5.25 | 0.28          | x 0.56 | 46               |
| 195B100  | 0.5                             | 100                    | 0.002                | -                   | 6.38       | 6.25 | 5.38 | 5.25 | 4.13 | 0.28          | x 0.56 | 31               |
| 195B150  | 0.5                             | 150                    | 0.0018               | B                   | 5.25       | 5.50 | 4.47 | 4.38 | 4.13 | 0.28          | x 0.56 | 26               |
| 195C20   | 1                               | 20                     | 0.013                | A                   | 3.00       | 3.06 | 2.50 | 2.50 | 2.25 | 0.20          | x 0.38 | 3                |
| 195C30   | 1                               | 30                     | 0.009                | A                   | 3.75       | 3.85 | 3.13 | 3.13 | 2.50 | 0.20          | x 0.38 | 6                |
| 195C50   | 1                               | 50                     | 0.005                | A                   | 4.50       | 5.25 | 3.75 | 3.75 | 3.50 | 0.20          | x 0.38 | 14.5             |
| 195C75   | 1                               | 75                     | 0.004                | A                   | 5.25       | 6.00 | 4.47 | 4.38 | 4.63 | 0.28          | x 0.56 | 23               |
| 195C100  | 1                               | 100                    | 0.0036               | B                   | 5.25       | 6.50 | 4.47 | 4.38 | 5.13 | 0.28          | x 0.56 | 26               |
| 195D50   | 1.4                             | 50                     | 0.005                | -                   | 6.38       | 5.50 | 5.38 | 5.25 | 3.88 | 0.28          | x 0.56 | 28               |
| 195E20   | 2.5                             | 20                     | 0.022                | A                   | 3.75       | 4.20 | 3.13 | 3.13 | 2.75 | 0.20          | x 0.38 | 6.5              |
| 195E30   | 2.5                             | 30                     | 0.013                | A                   | 4.50       | 5.25 | 3.75 | 3.75 | 3.50 | 0.20          | x 0.38 | 12.5             |
| 195E50   | 2.5                             | 50                     | 0.008                | A                   | 5.25       | 6.00 | 4.47 | 4.38 | 4.63 | 0.28          | x 0.56 | 23.5             |

| Part No. | Inductance mH  | D.C. Current | Resistance | Insulation | Dimensions |      |      |      |      | Mounting Slot |   |      | Weight (lbs.) |
|----------|----------------|--------------|------------|------------|------------|------|------|------|------|---------------|---|------|---------------|
|          | (Millihenries) | (Amps)       | (Ohms)     | Class      | A          | B    | C    | D    | E    | G             |   |      |               |
| 195E75   | 2.5            | 75           | 0.008      | B          | 6.00       | 6.63 | 5.16 | 5.00 | 4.88 | 0.28          | x | 0.56 | 32.5          |
| 195E100  | 2.5            | 100          | 0.006      | B          | 9.00       | 9.75 | 7.50 | 7.00 | 6.00 | 0.44          | x | 0.75 | 88            |
| 195F30   | 4              | 30           | 0.018      | -          | 6.38       | 5.00 | 5.38 | 5.25 | 3.25 | 0.28          | x | 0.56 | 23            |
| 195G10   | 5              | 10           | 0.04       | A          | 3.75       | 3.60 | 3.13 | 3.13 | 2.25 | 0.20          | x | 0.38 | 5.5           |
| 195G20   | 5              | 20           | 0.025      | A          | 4.50       | 4.75 | 3.75 | 3.75 | 3.00 | 0.20          | x | 0.38 | 10.5          |
| 195G25   | 5              | 25           | 0.014      | -          | 5.25       | 6.00 | 4.44 | 4.38 | 3.63 | 0.28          | x | 0.56 | 18            |
| 195G30   | 5              | 30           | 0.023      | A          | 5.25       | 5.00 | 4.47 | 4.38 | 3.63 | 0.28          | x | 0.56 | 16            |
| 195G50   | 5              | 50           | 0.021      | B          | 7.50       | 6.50 | 6.25 | 6.00 | 4.50 | 0.38          | x | 0.63 | 38            |
| 195G75   | 5              | 75           | 0.01       | B          | 9.00       | 9.50 | 7.76 | 7.00 | 7.00 | 0.44          | x | 0.75 | 87            |
| 195H20   | 7              | 20           | 0.062      | -          | 5.25       | 6.00 | 4.44 | 4.38 | 3.63 | 0.28          | x | 0.56 | 17            |
| 195J10   | 10             | 10           | 0.07       | A          | 3.75       | 4.35 | 3.13 | 3.13 | 3.00 | 0.20          | x | 0.38 | 8             |
| 195J12   | 10             | 12.5         | 0.072      | B          | 4.12       | 3.25 | 3.44 | 3.44 | 2.34 | 0.20          | x | 0.38 | -             |
| 195J20   | 10             | 20           | 0.045      | A          | 5.25       | 5.00 | 4.47 | 4.38 | 3.63 | 0.28          | x | 0.56 | 17.5          |
| 195J30   | 10             | 30           | 0.037      | A          | 6.00       | 7.50 | 5.00 | 5.00 | 5.88 | 0.31          | x | 0.50 | 36            |
| 195J50   | 10             | 50           | 0.023      | B          | 9.00       | 9.75 | 7.50 | 7.00 | 6.25 | 0.44          | x | 0.75 | 79            |
| 195K12   | 15             | 12           | 0.062      | -          | 5.25       | 5.50 | 4.44 | 4.38 | 3.13 | 0.28          | x | 0.56 | 14            |
| 195K16   | 15             | 16           | 0.062      | -          | 5.25       | 6.00 | 4.44 | 4.38 | 3.63 | 0.28          | x | 0.56 | 17            |
| 195M10   | 20             | 10           | 0.013      | A          | 4.50       | 4.75 | 3.75 | 3.75 | 3.00 | 0.20          | x | 0.38 | 10.2          |
| 195M20   | 20             | 20           | 0.075      | A          | 6.00       | 7.50 | 5.00 | 5.00 | 5.88 | 0.31          | x | 0.50 | 34            |
| 195M30   | 20             | 30           | 0.045      | B          | 6.00       | 7.63 | 5.16 | 5.00 | 5.88 | 0.28          | x | 0.56 | 41            |
| 195P5    | 30             | 5            | 0.23       | A          | 3.75       | 4.20 | 3.13 | 3.13 | 2.75 | 0.20          | x | 0.38 | 6.5           |
| 195P8    | 30             | 8            | 0.3        | -          | 4.12       | 3.75 | 3.50 | 3.43 | 3.00 | 0.20          | x | 0.38 | -             |
| 195P10   | 30             | 10           | 0.17       | A          | 4.50       | 5.25 | 3.75 | 3.75 | 3.50 | 0.20          | x | 0.38 | 16            |
| 195P20   | 30             | 20           | 0.13       | B          | 5.25       | 6.91 | 4.47 | 4.38 | 5.54 | 0.28          | x | 0.56 | 28            |
| 195Q2    | 35             | 2            | 0.61       | B          | 2.63       | 2.00 | 2.21 | 2.19 | 1.75 | 0.19          | x | 0.38 | -             |
| 195Q6    | 40             | 6            | 0.4        | -          | 3.75       | 3.62 | 3.25 | 3.12 | 3.00 | 0.20          | x | 0.38 | -             |
| 195R10   | 50             | 10           | 0.165      | A          | 5.25       | 5.50 | 4.47 | 4.38 | 4.13 | 0.28          | x | 0.56 | 26            |
| 195R20   | 50             | 20           | 0.13       | B          | 9.00       | 8.25 | 7.50 | 7.00 | 5.75 | 0.44          | x | 0.75 | 72            |
| 195S2    | 70             | 2            | 0.9        | -          | 3.37       | 2.75 | 2.87 | 2.81 | 2.12 | 0.20          | x | 0.38 | -             |
| 195S4    | 70             | 4            | 0.6        | -          | 3.75       | 3.25 | 3.13 | 3.13 | 2.50 | 0.20          | x | 0.38 | -             |
| 195T1    | 100            | 1            | 1.5        | -          | 3.00       | 2.50 | 2.50 | 2.50 | 2.00 | 0.20          | x | 0.38 | -             |
| 195T5    | 100            | 5            | 0.64       | A          | 4.50       | 5.25 | 3.75 | 3.75 | 3.50 | 0.20          | x | 0.38 | 14            |
| 195T10   | 100            | 10           | 0.42       | B          | 7.50       | 6.00 | 6.25 | 6.00 | 4.25 | 0.38          | x | 0.63 | 35            |

## 196 Series - Dual Coil - Heavy Current Chokes

| Part No. | Parallel Connected           |                     | Series Connected             |                     | Resistance            |                  | Overall Dimensions |      |      |      |      | Mounting |      | Weight (lbs.) |
|----------|------------------------------|---------------------|------------------------------|---------------------|-----------------------|------------------|--------------------|------|------|------|------|----------|------|---------------|
|          | Inductance mH (Millihenries) | D.C. Current (Amps) | Inductance mH (Millihenries) | D.C. Current (Amps) | (Each Winding) (Ohms) | Insulation Class | A                  | B    | C    | D    | E    | Slot G   |      |               |
| 196B50   | 0.125                        | 100                 | 0.5                          | 50                  | 0.018                 | -                | 4.50               | 4.50 | 3.75 | 3.75 | 3.00 | 0.28 x   | 0.56 | 8.00          |
| 196D25   | 0.3                          | 50                  | 1.2                          | 25                  | 0.005                 | -                | 3.75               | 4.25 | 3.13 | 3.13 | 2.75 | 0.28 x   | 0.56 | 6.45          |
| 196G12   | 1.2                          | 24                  | 4.8                          | 12                  | 0.024                 | -                | 3.38               | 3.56 | 2.81 | 2.81 | 3.00 | 0.20 x   | 0.38 | 6             |
| 196K6    | 3                            | 12                  | 12                           | 6                   | 0.056                 | -                | 3.37               | 3.06 | 2.81 | 2.81 | 2.50 | 0.20 x   | 0.38 | 4.45          |
| 196M4    | 5                            | 8                   | 20                           | 4                   | 0.11                  | -                | 3.00               | 2.87 | 2.50 | 2.50 | 2.50 | 0.20 x   | 0.38 | 3.3           |
| 196Q2    | 10                           | 4                   | 40                           | 2                   | 0.24                  | -                | 3.12               | 2.12 | 2.75 | 2.81 | -    | 0.19     |      | 1.85          |
| 196S1    | 18                           | 2                   | 72                           | 1                   | 0.553                 | -                | 2.00               | 2.00 | 2.31 | 2.38 | -    | 0.19     |      | 1.4           |

Data subject to change without notice

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