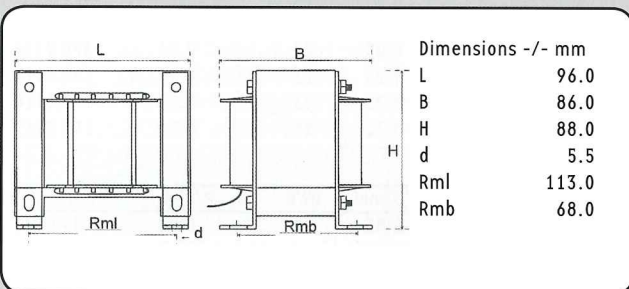


▶ TRANSFORMER CORE INDUCTORS



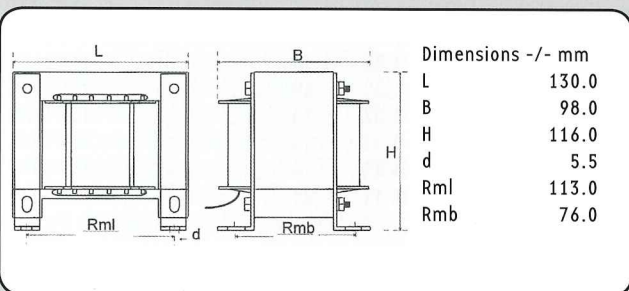
Round Copper Varnish Wire: according to DIN1787
 Purity: Cu > 99.99%
 Insulating Varnish: Type 5, tinning possible
 Inductor Body Material: ABS
 Dimensional Stability under Heat: 85°C
 L-Value: Nm. 25°C and 1 kHz
 L-Tolerance: +/- 5 %
 Wire Bonding Length: 150.0 mm
 Core Type: E-Core from grain oriented
 Silicon-Iron Sheets
 Usage: Highly stressable and very low ohmic inductor with high saturation current



FE 96

Transformer Core Inductors FE 96

| Description | L/mH | R/Ohm | CU/mm | AWG | Order No. |
|-------------|------|-------|-------|-----|-----------|
| FE 96 | 1.20 | 0.04 | 2.50 | 10 | 134 0300 |
| FE 96 | 1.50 | 0.08 | 2.00 | 12 | 134 0310 |
| FE 96 | 1.80 | 0.09 | 2.00 | 12 | 134 0320 |
| FE 96 | 2.20 | 0.10 | 2.00 | 12 | 134 0330 |
| FE 96 | 2.70 | 0.11 | 2.00 | 12 | 134 0340 |
| FE 96 | 3.00 | 0.14 | 1.80 | 13 | 134 0350 |
| FE 96 | 3.30 | 0.15 | 1.80 | 13 | 134 0360 |
| FE 96 | 3.90 | 0.16 | 1.80 | 13 | 134 0370 |
| FE 96 | 4.70 | 0.18 | 1.80 | 13 | 134 0380 |
| FE 96 | 5.60 | 0.24 | 1.60 | 14 | 134 0390 |
| FE 96 | 6.00 | 0.25 | 1.60 | 14 | 134 0400 |
| FE 96 | 6.80 | 0.27 | 1.60 | 14 | 134 0410 |
| FE 96 | 8.20 | 0.29 | 1.60 | 14 | 134 0420 |
| FE 96 | 10.0 | 0.39 | 1.40 | 15 | 134 0430 |
| FE 96 | 12.0 | 0.42 | 1.40 | 15 | 134 0440 |
| FE 96 | 15.0 | 0.57 | 1.32 | 16 | 134 0450 |
| FE 96 | 18.0 | 0.63 | 1.32 | 16 | 134 0460 |
| FE 96 | 22.0 | 0.76 | 1.18 | 17 | 134 0470 |
| FE 96 | 30.0 | 0.91 | 1.18 | 17 | 134 0480 |



FE 130

Technics Tip

Our iron inductors are generally manufactured with the best available materials. Grain oriented silicon iron M111 at 0.35mm thickness is exclusively used as sheets. They are annealed to achieve an additional reduction of the losses. Thus the qualities of the sheets are fully utilised.

Transformer Core Inductors FE1 30

| Description | L/mH | R/Ohm | CU/mm | AWG | Order No. |
|-------------|------|-------|-------|-----|-----------|
| FE 130 | 3.00 | 0.06 | 3.00 | 9 | 134 0690 |
| FE 130 | 3.30 | 0.06 | 3.00 | 9 | 134 0700 |
| FE 130 | 3.90 | 0.07 | 3.00 | 9 | 134 0710 |
| FE 130 | 4.70 | 0.08 | 3.00 | 9 | 134 0720 |
| FE 130 | 5.60 | 0.09 | 3.00 | 9 | 134 0730 |
| FE 130 | 6.00 | 0.10 | 3.00 | 9 | 134 0740 |
| FE 130 | 6.80 | 0.12 | 2.50 | 10 | 134 0750 |
| FE 130 | 8.20 | 0.15 | 2.50 | 10 | 134 0760 |
| FE 130 | 10.0 | 0.17 | 2.50 | 10 | 134 0770 |
| FE 130 | 12.0 | 0.19 | 2.50 | 10 | 134 0780 |
| FE 130 | 15.0 | 0.28 | 2.00 | 12 | 134 0790 |
| FE 130 | 18.0 | 0.33 | 2.00 | 12 | 134 0800 |
| FE 130 | 22.0 | 0.37 | 2.00 | 12 | 134 0810 |
| FE 130 | 30.0 | 0.47 | 2.00 | 12 | 134 0820 |
| FE 130 | 33.0 | 0.48 | 2.00 | 12 | 134 0830 |