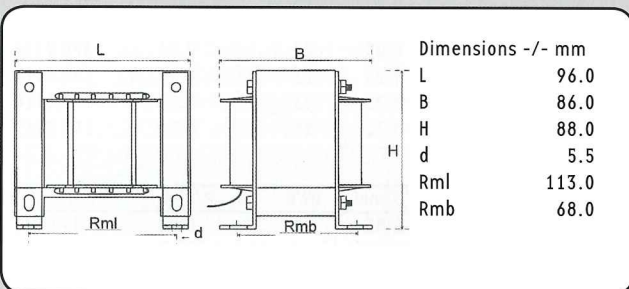


## ▶ TRANSFORMER CORE INDUCTORS



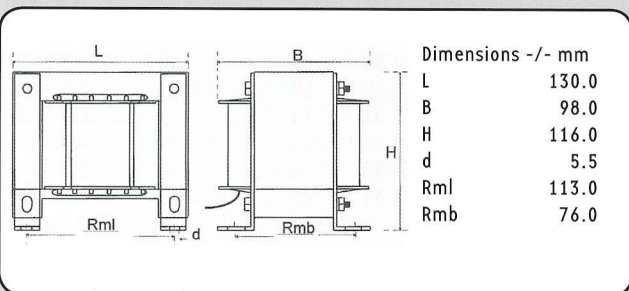
Round Copper Varnish Wire: according to DIN1787  
 Purity: Cu > 99.99%  
 Insulating Varnish: Type 5, tinning possible  
 Inductor Body Material: ABS  
 Dimensional Stability under Heat: 85°C  
 L-Value: Nm. 25°C and 1 kHz  
 L-Tolerance: +/- 5 %  
 Wire Bonding Length: 150.0 mm  
 Core Type: E-Core 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