

EE Magnetic Ferrite Core



RoHS / RoHS II Compliant

FEATURES:

- High saturation magnetic flux density
- High Inductance
- High Q for maximum power transmission

APPLICATIONS:

- Switching power supply transformers
- Chokes
- Inverters
- Converters
- pulse transformers

DESCRIPTION & KEY ELECTRICAL SPECIFICATIONS

The EE Magnetic ferrite core is widely used for high frequency of transformer, we provide 44 and 95 ferrite material for options.

PART IDENTIFICATION:

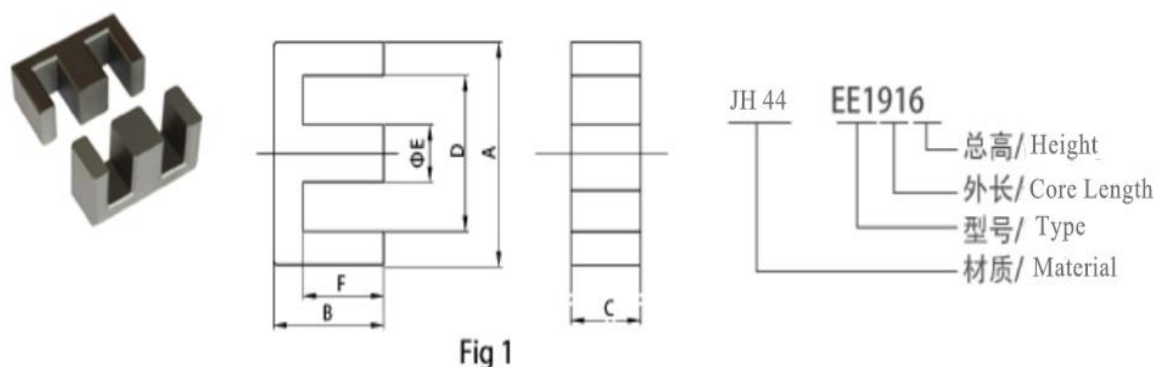


Fig 1

型号 Type	尺寸 Dimensions(mm)						
	Fig	A	B	C	D	ΦE	F
EE5.25	1	5.25±0.1	2.65±0.05	1.95±0.05	3.85min	1.35±0.05	2.0±0.1
EE6.2	1	6.2±0.2	2.75±0.05	1.95±0.05	4.0min	1.35±0.05	2.1±0.1
EE8.3	1	8.3±0.2	4.15±0.1	3.9±0.15	6.0min	1.9±0.1	3.1±0.1
EE0908	1	9.0±0.25	4.0±0.1	1.9±0.1	5.2±0.2	1.9±0.1	2.1±0.1
EE1009	1	10.2±0.3	4.35±0.1	4.85±0.15	8.0±0.3	2.4±0.15	3.1±0.1
EE1011	1	10.2±0.3	5.5±0.15	4.8±0.2	7.8min	2.5±0.2	4.3±0.15
EE1011W	1	10.2±0.3	5.6±0.15	9.8±0.2	7.7min	2.4±0.2	4.3±0.2
EF12.6	1	12.7±0.4	6.6±0.2	3.7±0.2	8.8min	3.7±0.2	4.8±0.2
EE1312A	1	13.0±0.3	6.25±0.20	6.0±0.2	10.0min	2.7±0.2	4.85±0.2
EE1313W	1	13.0±0.3	6.6±0.10	9.8±0.2	8.9min	3.55±0.15	4.7±0.2
EE1413	1	14.0±0.3	6.55±0.10	9.8±0.2	10.2min	3.55±0.2	4.8±0.2
EE1614A	1	16.0±0.4	7.4±0.20	4.8±0.2	11.7min	4.0±0.2	5.4±0.2
EE1614B	1	16.0±0.4	7.8±0.20	4.9+0.15-0.05	11.7min	4.0±0.2	5.8±0.2
EE1614D	1	16.3±0.4	7.4±0.20	4.8±0.2	12.0min	4.0±0.2	5.4±0.2
EE1614W	1	16.0±0.4	7.3±0.30	9.8±0.2	11.7min	4.0±0.2	5.4±0.2
EE1620	1	16.5±0.5	10.1±0.20	4.8±0.2	12.0min	4.0±0.2	8.1±0.2
EE1625	1	16.5±0.5	12.5±0.20	4.8±0.2	11.7min	4.0±0.2	10.45±0.2
EF1612	1	16.1±0.3	6.1±0.20	4.5±0.2	11.7min	4.5±0.2	4.0±0.2
EF1616	1	16.5±0.4	8.2±0.20	4.6±0.2	11.9min	4.6±0.2	5.9±0.2
EF1612W	1	16.1±0.6	5.7±0.15	7.4+0-0.5	11.3min	4.55±0.15	3.7±0.15
EF1612A	1	16.6±0.6	5.8±0.15	7.4+0-0.5	11.8min	4.55±0.15	3.8±0.15
EE1916	1	19.0±0.4	8.3±0.20	4.8±0.2	14.1min	4.5±0.2	5.8±0.2
EF20	1	20.0±0.4	10.1±0.20	5.7±0.2	14.1min	5.7±0.2	7.2±0.2
EF2020	1	21.0±0.4	10.1±0.20	5.7±0.2	15.1min	5.7±0.2	7.2±0.2
EF2020A	1	20.0±0.4	9.9±0.20	8.8±0.2	14.1min	5.7±0.2	7.2±0.2
EF2020B	1	20.0±0.4	9.9±0.20	10.75±0.25	14.1min	5.7±0.2	7.2±0.2
EE2027	1	20.0±0.4	13.6±0.20	4.75±0.25	14.5min	4.75±0.25	11.4±0.3
EE2220	1	22.0±0.4	9.6±0.25	5.75±0.2	16.0±0.4	5.75±0.2	5.6±0.25

All material meet RoHS Standard

JHCOILS

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型号 Type	有效参数Effective parameter				重量 Weight(g)	AL±25% (nH/N ²)			AL±30% (nH/N ²)	
	C1(mm ⁻¹)	Le(mm)	Ae(mm ²)	Ve(mm ³)		TY40	TYH5	TYH7	TYH10	TYH12
EE2228	1.82	63.6	35.0	2220.0	11.1	1400	2800	3500	4200	4900
EE2230	1.87	65.6	35.0	2290.0	11.7	1400	2800	3500	4200	4900
EE2520	1.26	49.7	40.0	2000.0	10.5	1900	4100	5100	6000	6800
EE2532	1.90	76.7	40.4	1300.0	15.5	1900	2800	3600	4300	5000
EF2525	1.11	57.9	51.9	3002.2	16.0	2200	4200	5200	6100	6900
EF2525A	0.91	57.9	63.4	3664.7	19.0	2500	4500	5500	6400	7300
EF2525B	0.75	57.8	77.0	4451.0	23.0	3000	5000	6000	6800	7500
EF2526	0.75	60.7	77.0	4686.0	25.2	2500	4500	5500	6300	7000
EE2621	1.36	77.6	57.1	4430.0	22.0	3600				
EE2735	1.29	59.8	77.1	4610.0	23.5	1820				
EE2821	0.61	50.5	82.9	4183.1	24.0	3800				
EE2821W	0.58	87.7	50.8	3700.0	24.0	3800				
EE2834	0.90	74.4	87.5	6508.0	35.0	2400				
EE3127	1.12	65.7	58.4	3844.1	27.8	2000				
EE3328	0.58	67.5	116.7	7876.0	40.2	3500				
EE3535	0.79	80.4	101.7	8173.6	41.0	3000				
EE4034	0.53	76.8	146.0	11205.1	60.0	3500				
EE4242	0.55	97.7	177.2	17306.0	89.0	4000				
EE4242W	0.42	97.7	231.7	22651.0	117.0	4800				
EE5555	0.43	124.0	285.6	35414.4	182.0	5000				
EE5555A	0.36	124.0	349.0	43200.0	226.0	6500				
EE5555B	0.30	124.0	420.0	52100.0	265.0	7000				
EE6564	0.27	147.0	535.0	78600.0	398.0	8000				
EE7066	0.20	145.5	700.0	101900.0	600.0	12800				
EE8076	0.45	183.5	399.0	73150.0	368.0	6100				
EE8586	0.49	196.3	433.0	79150.0	700	7500				
EE100	0.34	271.0	775.0	209768.0	1028.0	8500				
EE110	0.21	274.0	1296.0	355750.0	1796.0	13300				



STORAGE AND OPERATIONAL CONDITION:

Storage condition

- Recommended storage conditions: $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, 70%RH (Max.)
- Service life: Within the limits of six month from being produced.
- The appearance and solder ability should be check, if product is not in expiry date.

Operation Conditions

- Use condition limit: $T = -25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, $\text{RH} \leq 90\%$.

NOTE:

- The parts are manufactured in accordance with this specification. If other conditions and specifications which are required, please contact us for more information.
 - We will supply the parts in accordance with this specification unless we receive a written request to modify prior to an order placement.
 - In no case shall JHcoils be liable for any product failure from in appropriate handling or operation of the item beyond the scope of this specification.
 - When changing your production process, please notify us immediately.
- V) This drawings and specifications are the property of JHCoils .and shall not be reproduced or used as this the basis for the manufacture or sale of apparatus or devices without permission.

CUSTOMED PRODUCTS

We can Provide other Magnetic ferrite core and transformer components according to your requirements. Email us: info@jhcoils.com

ATTENTION: The electronic component is designed and developed for usage in general electronic products only. This products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. We shall not be liable for incidental or consequential damage so fany kind.