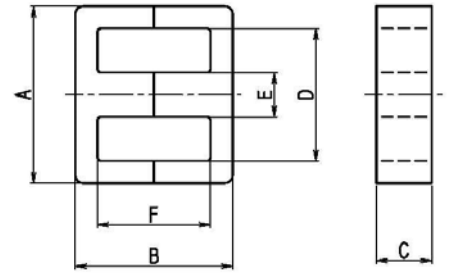


EE Type Cores

Ordering Code 品名の構成

2G8 - EE - 16

Material Type Diameter
材質 形 外径(A)



Dimensions and Effective Parameter 寸法及び磁心の実効定数

| Cores 形名 | Dimensions(mm) 寸法 | | | | | | Effective Parameter 磁心の実効定数 | | | | | Weight 重量 (g) | Bobbin Available |
|--------------------|---------------------------------------|---------------------------------------|--|---------------------------------------|--|--------------------------------------|-----------------------------|-----------------------|---------|-----------------------|-----------------------|---------------------|---------------------|
| | A | B | C | D | E | F | Cl (mm ²) | Ae (mm ²) | le (mm) | Ve (mm ²) | Aw (mm ²) | | |
| EE-5 | 5.25±0.1 | 5.3±0.16 | 1.95±0.1 | 3.85±0.1 | 1.35±0.08 | 4.0±0.16 | 4.78 | 2.64 | 12.6 | 33.2 | 5.0 | 0.16 | 6P |
| EE-5.55 | 5.55±0.1 | 5.3±0.16 | 1.9±0.1 | 4.15±0.1 | 1.35±0.08 | 4.0±0.16 | 5.02 | 2.57 | 12.9 | 33.1 | 5.6 | 0.16 | |
| EE-6.3 | 6.3 ^{+0.25} _{-0.25} | 5.4 ^{+0.22} _{-0.22} | 2.0 ^{+0.05} _{-0.15} | 4.1±0.1 | 1.4 ^{+0.05} _{-0.11} | 3.7 ^{+0.22} _{-0.1} | 4.03 | 3.11 | 12.5 | 38.9 | 5.1 | 0.2 | |
| EE-8. 3X8X3. 6S | 8.3±0.2 | 8.0±0.2 | 3.6±0.15 | 6.3 ^{+0.2} _{-0.1} | 2.0±0.15 | 6.0±0.2 | 2.73 | 7.14 | 19.5 | 138.9 | 13.0 | 0.68 | |
| EE-8. 3X8X3. 9 | 8.3 ^{+0.35} _{-0.35} | 8.0±0.2 | 3.9±0.15 | 6.0 ^{+0.3} _{-0.3} | 2.0 ^{+0.3} _{-0.3} | 6.0±0.2 | 2.57 | 7.55 | 19.4 | 146.0 | 12.9 | 0.73 | 6P |
| EE-8. 5X8. 3X2 | 8.5±0.2 | 8.3 ^{+0.4} _{-0.4} | 2.0 ^{+0.2} _{-0.2} | 6.2±0.2 | 2.0 ^{+0.3} _{-0.3} | 6.1 ^{+0.4} _{-0.4} | 5.39 | 3.79 | 20.41 | 77.3 | 14.6 | 0.19 | |
| EE-8. 9X8. 2 | 8.9±0.6 | 8.2 ^{+0.6} _{-0.6} | 1.9±0.13 | 5.3±0.3 | 1.9±0.13 | 4.32±0.26 | 3.16 | 4.95 | 15.6 | 773.1 | 7.3 | 0.52 | |
| EE-10 | 10.0±0.3 | 11.0±0.2 | 4.9 ^{+0.3} _{-0.3} | 7.7 ^{+0.3} _{-0.3} | 2.4±0.2 | 8.4±0.2 | 2.33 | 11.1 | 26.0 | 288.7 | 22.9 | 1.4 | 8P |
| EE-10. 2X11X5 | 10.2±0.2 | 11.0±0.2 | 5.0 ^{+0.3} _{-0.2} | 7.8±0.2 | 2.4±0.15 | 8.6±0.2 | 2.27 | 11.6 | 26.4 | 306.9 | 23.2 | 1.5 | |
| EE-12X10. 4X4 | 12.0±0.2 | 10.4 ^{+0.3} _{-0.1} | 4.0 ^{+0.1} _{-0.2} | 8.8±0.2 | 3.2 ^{+0.1} _{-0.2} | 7.2 ^{+0.3} _{-0.3} | 1.99 | 12.6 | 25.2 | 318.3 | 20.6 | 1.55 | |
| EE-12K | 12.5±0.3 | 12.0±0.3 | 3.5±0.15 | 8.5 ^{+0.5} _{-0.5} | 3.0 ^{+0.4} _{-0.4} | 7.6±0.2 | 2.19 | 12.0 | 26.4 | 317.4 | 22.6 | 1.7 | |
| EE-12. 5 | 12.5±0.3 | 11.3±0.3 | 4.8±0.2 | 9.4±0.25 | 2.4±0.2 | 8.1±0.3 | 2.03 | 13.5 | 27.4 | 370.6 | 28.4 | 1.9 | |
| EE-12. 6(*EF12. 6) | 12.6 ^{+0.5} _{-0.4} | 13.0 ^{+0.4} _{-0.4} | 3.7 ^{+0.3} _{-0.3} | 8.9 ^{+0.6} _{-0.6} | 3.7 ^{+0.3} _{-0.3} | 9.0 ^{+0.6} _{-0.6} | 2.39 | 12.4 | 29.7 | 369.5 | 26.3 | 1.84 | |
| EE-12. 7 | 12.7 ^{+0.15} _{-0.2} | 7.95±0.14 | 6.5 ^{+0.3} _{-0.3} | 10.1±0.2 | 3.18±0.1 | 5.75±0.15 | 1.38 | 16.0 | 22.0 | 350.9 | 19.9 | 1.86 | |
| EE-13X12X6. 3 | 13.0±0.3 | 12.0±0.4 | 6.3 ^{+0.3} _{-0.3} | 10.5±0.3 | 2.95 ^{+0.35} _{-0.35} | 9.3±0.3 | 1.87 | 16.3 | 30.5 | 496.0 | 35.9 | 2.4 | 10P |
| EE-13K | 13.0±0.2 | 12.0±0.3 | 6.3 ^{+0.3} _{-0.3} | 10.2±0.2 | 2.8 ^{+0.1} _{-0.2} | 9.2±0.2 | 1.77 | 17.1 | 30.2 | 517.3 | 34.3 | 2.6 | |
| EE-16 | 16.0±0.3 | 14.3±0.4 | 5.0 ^{+0.3} _{-0.3} | 12.0±0.3 | 4.05 ^{+0.25} _{-0.25} | 10.2±0.3 | 1.79 | 19.4 | 34.8 | 675.9 | 41.2 | 3.3 | 6P |
| EEL-16 | 16.0±0.3 | 24.5±0.4 | 5.0 ^{+0.3} _{-0.3} | 12.0±0.3 | 4.2 ^{+0.4} _{-0.4} | 20.4 ^{+0.6} _{-0.4} | 2.83 | 19.5 | 55.2 | 1075 | 81.6 | 5.2 | |
| EE-16X14. 3X7S | 16.0±0.3 | 14.3±0.4 | 7.0 ^{+0.4} _{-0.4} | 13.0±0.3 | 3.2 ^{+0.4} _{-0.4} | 11.0±0.3 | 1.76 | 21.0 | 36.9 | 775.2 | 55.0 | 3.8 | 10P |
| EE-16F(*EF16) | 16.0 ^{+0.7} _{-0.5} | 16.4 ^{+0.6} _{-0.6} | 4.7 ^{+0.4} _{-0.4} | 11.3 ^{+0.6} _{-0.6} | 4.7 ^{+0.3} _{-0.3} | 11.4 ^{+0.8} _{-0.8} | 1.87 | 20.1 | 37.6 | 754.0 | 41.6 | 3.9 | |
| EE-16. 7 | 16.7 ^{+0.7} _{-0.7} | 14.2±0.6 | 3.5±0.15 | 10.7 ^{+0.4} _{-0.2} | 3.5±0.15 | 8.1±0.3 | 1.84 | 16.3 | 30.1 | 491.5 | 29.5 | 2.8 | |
| EE-18. 4 | 18.4±0.4 | 19.0±0.4 | 4.5±0.2 | 12.7min | 5.5±0.2 | 12.6±0.4 | 1.66 | 25.2 | 41.9 | 1055 | 45.4 | 5.1 | |
| EE-19 | 19.0±0.3 | 15.9±0.4 | 5.1 ^{+0.5} _{-0.5} | 14.0±0.3 | 5.1 ^{+0.5} _{-0.5} | 11.3±0.3 | 1.68 | 23.3 | 39.2 | 914.2 | 51.7 | 4.4 | 8P |
| EEL-19 | 19.0±0.3 | 27.1±0.4 | 5.1 ^{+0.5} _{-0.5} | 14.0±0.3 | 5.1 ^{+0.5} _{-0.5} | 22.6±0.6 | 2.64 | 23.4 | 61.7 | 1443 | 103.4 | 6.7 | |
| EE-19G | 19.1±0.3 | 15.6 ^{+0.6} _{-0.6} | 5.2 ^{+0.4} _{-0.4} | 14.5±0.3 | 4.7 ^{+0.3} _{-0.3} | 11.0 ^{+0.4} _{-0.4} | 1.72 | 23.1 | 39.6 | 914.7 | 55.7 | 5.9 | |
| EE-19X15. 8X9. 6 | 19.15±0.5 | 15.8±0.5 | 9.6 ^{+0.15} _{-0.2} | 14.75±0.3 | 4.65±0.15 | 11.2±0.3 | 0.91 | 43.5 | 39.7 | 1726 | 56.6 | 8.7 | |
| EE-19H | 19.3±0.33 | 16.16±0.36 | 4.75 ^{+0.13} _{-0.17} | 14.5±0.3 | 4.75 ^{+0.08} _{-0.22} | 11.44±0.26 | 1.79 | 22.4 | 40.1 | 898.2 | 56.2 | 4.4 | |
| EE-20X20 | 20.0±0.3 | 20.0±0.3 | 5.0±0.2 | 15.0±0.3 | 5.0±0.15 | 15.0±0.3 | 1.91 | 25.0 | 47.85 | 1196 | 75.0 | 5.8 | |
| EE-20F(*EF20) | 20.4 ^{+0.8} _{-0.8} | 20.4 ^{+0.8} _{-0.8} | 5.9 ^{+0.5} _{-0.5} | 14.1 ^{+0.6} _{-0.6} | 5.9 ^{+0.4} _{-0.4} | 14.0 ^{+0.8} _{-0.8} | 1.46 | 31.8 | 46.3 | 1475 | 62.6 | 7.2 | |
| EEL-22AT | 22.0±0.3 | 29.6±0.4 | 5.7±0.2 | 15.75 ^{+0.5} _{-0.5} | 5.7±0.2 | 21.6±0.4 | 1.80 | 35.4 | 63.6 | 2246 | 111.2 | 11.6 | |
| EE-22B | 22.0±0.4 | 20.0 ^{+0.3} _{-0.2} | 5.5±0.25 | 17.5±0.3 | 4.0±0.2 | 15.0 ^{+0.3} _{-0.2} | 2.07 | 24.4 | 50.5 | 1233 | 101.6 | 6.2 | |
| EE-22C | 22.0±0.3 | 18.6±0.4 | 5.7±0.2 | 15.75 ^{+0.5} _{-0.5} | 5.7±0.2 | 10.8±0.3 | 1.16 | 36.4 | 42.0 | 1529 | 55.6 | 7.2 | 8P |
| EE-25 | 25.0±0.4 | 20.0±0.4 | 6.55±0.3 | 18.6±0.3 | 6.55±0.3 | 13.6±0.3 | 1.17 | 42.2 | 49.4 | 2084 | 81.9 | 10.6 | 8P |
| EE-25C(*EF25) | 25.0 ^{+0.8} _{-0.7} | 25.6 ^{+0.1} _{-0.1} | 7.5 ^{+0.6} _{-0.6} | 17.5 ^{+0.8} _{-0.8} | 7.5 ^{+0.5} _{-0.5} | 17.4 ^{+1.0} _{-0.0} | 1.11 | 51.8 | 57.8 | 2994 | 95.3 | 13.6 | |
| EEL-25 | 25.0±0.4 | 33.6±0.5 | 6.55±0.3 | 18.6±0.3 | 6.55±0.3 | 27.2±0.5 | 1.81 | 42.3 | 76.6 | 3238 | 163.9 | 15.3 | |
| EE-25. 4 | 25.4±0.4 | 19.0±0.5 | 6.35±0.25 | 19.0±0.3 | 6.35±0.3 | 12.7±0.3 | 1.19 | 40.3 | 48.0 | 1935 | 80.3 | 10.0 | |

| Cores 形名 | Dimensions(mm) 寸法 | | | | | | Effective Parameter 磁心の実効定数 | | | | | Weight 重量 (g) | Bobbin Available |
|-------------|-------------------|--------------------------------------|------------------------------------|------------------------------------|-----------------------------------|--------------------------------------|-----------------------------|-----------------------|---------|-----------------------|-----------------------|---------------------|---------------------|
| | A | B | C | D | E | F | Cl (mm ²) | Ae (mm ²) | le (mm) | Ve (mm ³) | Aw (mm ²) | | |
| EEL-25.4 | 25.4±0.4 | 31.7 ^{+0.6} _{-0.4} | 6.35±0.25 | 19.0±0.3 | 6.35±0.3 | 25.4 ^{+0.6} _{-0.4} | 1.82 | 40.4 | 73.4 | 2963 | 160.7 | 11.8 | |
| EE-28A | 28.0±0.4 | 21.5±0.5 | 11.0 ⁺⁰ _{-0.5} | 19.0 ⁺⁰ _{-0.5} | 7.5 ⁺⁰ _{-0.5} | 12.5±0.4 | 0.56 | 88.7 | 50.0 | 4429 | 75.0 | 21.6 | |
| EE-29 | 28.7±0.4 | 31.6±0.4 | 7.0 ⁺⁰ _{-0.5} | 22.7±0.4 | 6.6±0.25 | 25.2±0.4 | 1.79 | 42.6 | 76.4 | 3251 | 202.9 | 16.5 | |

*DIN Standard 41984

■ Electrical Characteristics 電気的特性

| Cores 形名 | AL-Value (nH/N ²) Without air gap ギャップなし | | | | |
|------------------|--|---------|----------|----------|----------|
| | 2H1 | 2E2D | 2G1 | 2G4 | 2G8 |
| EE-5 | 1400min | 980min | 500±25% | 420±25% | 340±25% |
| EE-5.55 | | | | | 340±25% |
| EE-6.3 | 1700min | 1000min | 600±25% | 540±25% | 380±25% |
| EE-8. 3X8X3. 6S | | 2100min | 1150±25% | | 700±25% |
| EE-8. 3X8X3. 9 | 2980min | 1990min | 1400±25% | 950±25% | 800±25% |
| EE-8. 5X8. 3X2 | | | 555±25% | | |
| EE-8. 9X8. 2 | 1750min | 1190min | 950±25% | | 520±25% |
| EE-10 | 3675min | 2450min | 1500±25% | 1300±25% | 1000±25% |
| EE-10. 2X11X5 | 3675min | 2660min | 1600±25% | | 1050±25% |
| EE-12X10. 4X4 | 5250min | 3500min | 1750±25% | | 1050±25% |
| EE-12K | | | | | 950±25% |
| EE-12.5 | | 2660min | 1750±25% | 1550±25% | 950±25% |
| EE-12.6 | 3675min | 2000min | 1650±25% | | 900±25% |
| EE-12.7 | 5250min | 4200min | 2350±25% | | 1500±25% |
| EE-13X12X6. 3 | 4480min | 3150min | 2100±25% | | 1200±25% |
| EE-13K | 4480min | | 2150±25% | | 1200±25% |
| EE-16 | 4900min | 3500min | 2600±25% | 2050±25% | 1300±25% |
| EEL-16 | | 2660min | 1850±25% | | 950±25% |
| EE-16X14. 3X7S | | 3710min | 2400±25% | | 1250±25% |
| EE-16F | 4900min | 3220min | 2200±25% | | 1150±25% |
| EE-16.7 | | | 1850±25% | | 1380±25% |
| EE-18.4 | | | | | 1500±25% |
| EE-19 | 5460min | 3640min | 2760±25% | 2300±25% | 1400±25% |
| EEL-19 | 3400min | 2450min | 1750±25% | | 1000±25% |
| EE-19G | | 4000min | 2500±25% | | 1400±25% |
| EE-19X15. 8X9. 6 | | 6440min | 5000±25% | | 2400±25% |
| EE-19H | | 4000min | | | 1400±25% |
| EE-20F | 8050min | | 3400±25% | | 1670±25% |
| EEL-22AT | | | 2900±25% | | 1500±25% |
| EE-22B | | | 2330±25% | | 1100±25% |
| EE-22C | | 5600min | 3600±25% | | 2000±25% |
| EE-25 | 8750min | 5880min | 4560±25% | | 1800±25% |
| EE-25C | 8400min | 6020min | 3900±25% | | 2000±25% |
| EEL-25 | 5040min | 3360min | 3200±25% | 2600±25% | 1200±25% |
| EE-25.4 | 8400min | 5600min | 4300±25% | | 2000±25% |
| EEL-25.4 | 4900min | 3150min | 3413±25% | | 1350±25% |
| EE-28A | | | | | 4000±25% |
| EE-29 | | | 3000±25% | | |

■ DC superposition 直流重畳特性

at Freq. = 1KHz 23°C

