

## EE-Typ Hochleitfähiger Ferritkern

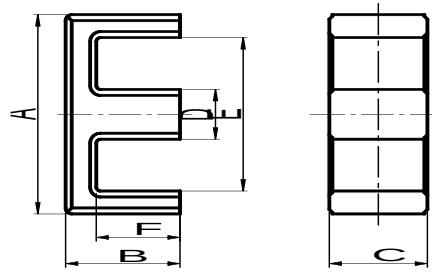


Fig.1

| Specification | Fig. | Dimensions (mm) |            |            |            |           |            | Effective parameter  |        |                      | Inductance AL(nH/N <sup>2</sup> ) |           | Weight (g/set) |
|---------------|------|-----------------|------------|------------|------------|-----------|------------|----------------------|--------|----------------------|-----------------------------------|-----------|----------------|
|               |      | A               | B          | C          | D          | E         | F          | Ae(mm <sup>2</sup> ) | Le(mm) | Ve(mm <sup>3</sup> ) | FX44                              | FX95      |                |
| EE42/21/15    | 1    | 42.0±0.50       | 21.2±0.25  | 15.0±0.30  | 12.0±0.30  | 29.5 min  | 15.4±0.25  | 177,00               | 98,30  | 17399,10             | 4000±25%                          | 6000±25%  | 86,80          |
| EE42/21/20    | 1    | 42.0±0.50       | 21.2±0.25  | 20.0±0.30  | 12.0±0.30  | 29.5 min  | 15.4±0.25  | 236,20               | 98,30  | 23218,46             | 6300±25%                          | 7700±25%  | 118,50         |
| EE50/6/16.5   | 1    | 50.0±0.60       | 6.45±0.15  | 16.50±0.30 | 5.60±0.2   | 43.40 min | 3.70±0.15  | 92,50                | 62,25  | 5758,13              | 3500±25%                          | 4400±25%  | 28,30          |
| EE50/8/20.3D  | 1    | 50.0±0.50       | 7.70±0.15  | 20.30±0.30 | 6.50±0.2   | 43.00 min | 4.80±0.15  | 122,30               | 65,70  | 8035,11              | 3800±25%                          | 4800±25%  | 39,50          |
| EE50/27/15    | 1    | 50.0±0.70       | 27.2±0.20  | 14.60±0.30 | 14.60±0.3  | 34.10 min | 18.60±0.20 | 225,20               | 119,50 | 26911,40             | 5000±25%                          | 6000±25%  | 138,00         |
| EE55/28/21    | 1    | 55.0±1.00       | 27.5±0.30  | 20.75±0.30 | 16.95±0.35 | 37.5 min  | 18.9±0.4   | 349,00               | 124,00 | 43200,00             | 6000±25%                          | 8400±25%  | 218,00         |
| EE55/28/25    | 1    | 55.0±1.00       | 27.5±0.30  | 24.7±0.30  | 16.95±0.35 | 37.5 min  | 18.9±0.4   | 420,00               | 124,00 | 52100,00             | 7000±25%                          | 9500±25%  | 258,00         |
| EE65/33/27    | 1    | 65.1±1.40       | 32.5±0.30  | 26.9±0.50  | 19.65±0.35 | 44.2 min  | 22.6±0.4   | 535,00               | 147,00 | 78600,00             | 8000±25%                          | 10080±25% | 395,00         |
| EE70/33/32    | 1    | 70.5±1.20       | 32.95±0.30 | 31.6±0.50  | 21.65±0.35 | 48.0 min  | 22.25±0.4  | 682,35               | 150,00 | 102352,5             | 10000±25%                         | 13500±25% | 512,00         |
| EE85/45/27    | 1    | 85.0±2.0        | 44.50±0.50 | 26.5±0.50  | 26.50±0.5  | 56.0 min  | 30.50±0.5  | 717,30               | 196,50 | 140949,5             | 7800±25%                          | 9800±25%  | 700,00         |
| EE85/45/32    | 1    | 85.0±2.0        | 44.50±0.50 | 31.5±0.50  | 26.50±0.5  | 56.0 min  | 30.50±0.5  | 837,30               | 198,80 | 166455,2             | 10000±25%                         | 13500±25% | 850,00         |
|               |      |                 |            |            |            |           |            |                      |        |                      |                                   |           |                |
|               |      |                 |            |            |            |           |            |                      |        |                      |                                   |           |                |
|               |      |                 |            |            |            |           |            |                      |        |                      |                                   |           |                |
|               |      |                 |            |            |            |           |            |                      |        |                      |                                   |           |                |
|               |      |                 |            |            |            |           |            |                      |        |                      |                                   |           |                |

Remark: Testing condition for AL: 1KHz, 0.3V, 100Ts

The above is the usually type, we can redesign according to customer's request.