

EER CORE | EER-Core

磁芯品名规则说明(例)

SMP40 EER35 - Z 或 A200

材质 磁芯形状 AL 值 (Z: 无气隙, A200: AL 值为200nH/N²)

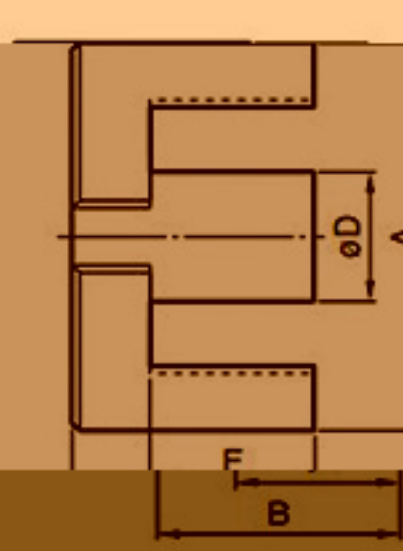
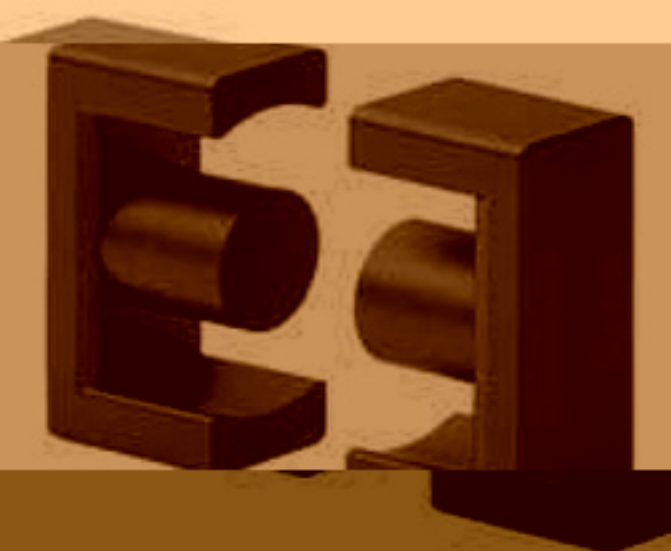


Fig. 1

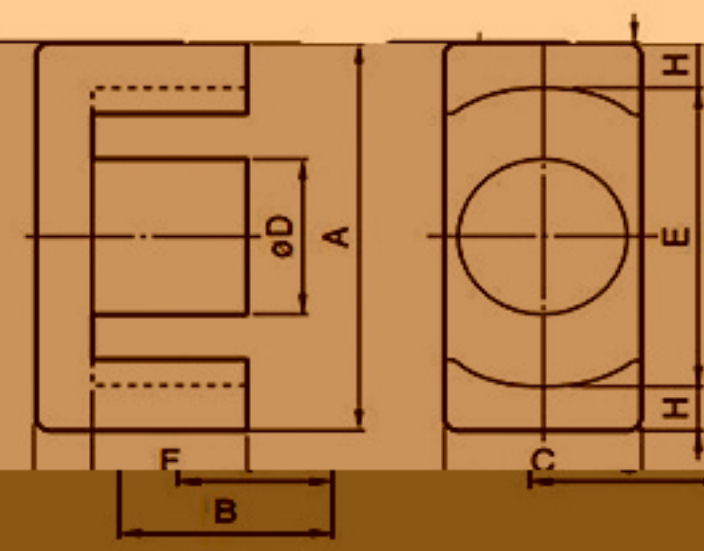


Fig. 2

| 品名 | 形状 | 尺寸规格(Unit: mm) | | | | | | | | | | 磁芯常数 | 实效截面面积 | 最小实效截面面积 | 实效磁路长度 | 实效体积 | 重量 | 电气特性 | | IEC |
|---------|-------|----------------|---------|-------|----------|-----------|----------|----------|------|-----------|--------|-------|--------|----------|--------|-------|----|----------|--------|---------|
| | | 磁芯形状 | 材质 | 图示 | A | B | C | D | E | F | H | | | | | | | Cl | Ae | |
| EER25.5 | SMP40 | Fig.1 | EER25.5 | SMP47 | 25.5±0.6 | 9.3±0.25 | 7.5±0.25 | 7.5±0.25 | 19.8 | 6.2±0.25 | (2.6) | 1.070 | 44.40 | 42.50 | 47.50 | 2110 | 11 | 1920±25% | 100±5% | EER25.5 |
| | | | | | 2700±25% | 200±5% | | | | | | | | | | | | | | |
| | | | | | 2000±25% | 200±7% | | | | | | | | | | | | | | |
| EER28 | SMP40 | Fig.2 | EER28 | SMP47 | 28.5±0.6 | 14.0±0.3 | 11.4±0.3 | 9.9±0.3 | 21.5 | 9.6±0.3 | (3.3) | 0.728 | 86.40 | 77.00 | 62.90 | 5430 | 28 | 2870±25% | 200±5% | EER28 |
| | | | | | 2900±25% | 400±7% | | | | | | | | | | | | | | |
| | | | | | 4000±25% | | | | | | | | | | | | | | | |
| EER28L | SMP40 | Fig.2 | EER28L | SMP47 | 28.5±0.6 | 16.9±0.3 | 11.4±0.3 | 9.9±0.3 | 21.5 | 12.5±0.3 | (3.3) | 0.868 | 85.70 | 77.00 | 74.40 | 6370 | 33 | 2600±25% | 160±5% | EER28L |
| | | | | | 3500±25% | 315±7% | | | | | | | | | | | | | | |
| | | | | | 2520±25% | | | | | | | | | | | | | | | |
| EER35 | SMP40 | Fig.1 | EER35 | SMP47 | 35.0±0.8 | 20.7±0.3 | 11.3±0.3 | 11.3±0.3 | 25.6 | 14.7±0.3 | (4.43) | 0.815 | 111.00 | 100.000 | 90.10 | 9960 | 52 | 1900±25% | 200±5% | EER35 |
| | | | | | 2400±25% | 400±7% | | | | | | | | | | | | | | |
| | | | | | 2000±25% | | | | | | | | | | | | | | | |
| EER39 | SMP40 | Fig.2 | EER39 | SMP47 | 39.0±0.8 | 22.7±0.25 | 12.8±0.3 | 12.8±0.3 | 28.4 | 17.0±0.25 | (4.8) | 0.762 | 133.00 | 129.000 | 101.00 | 13500 | 69 | 3150±25% | 200±5% | EER39 |
| | | | | | 3300±25% | | | | | | | | | | | | | | | |

PERMITECH FER-CORE

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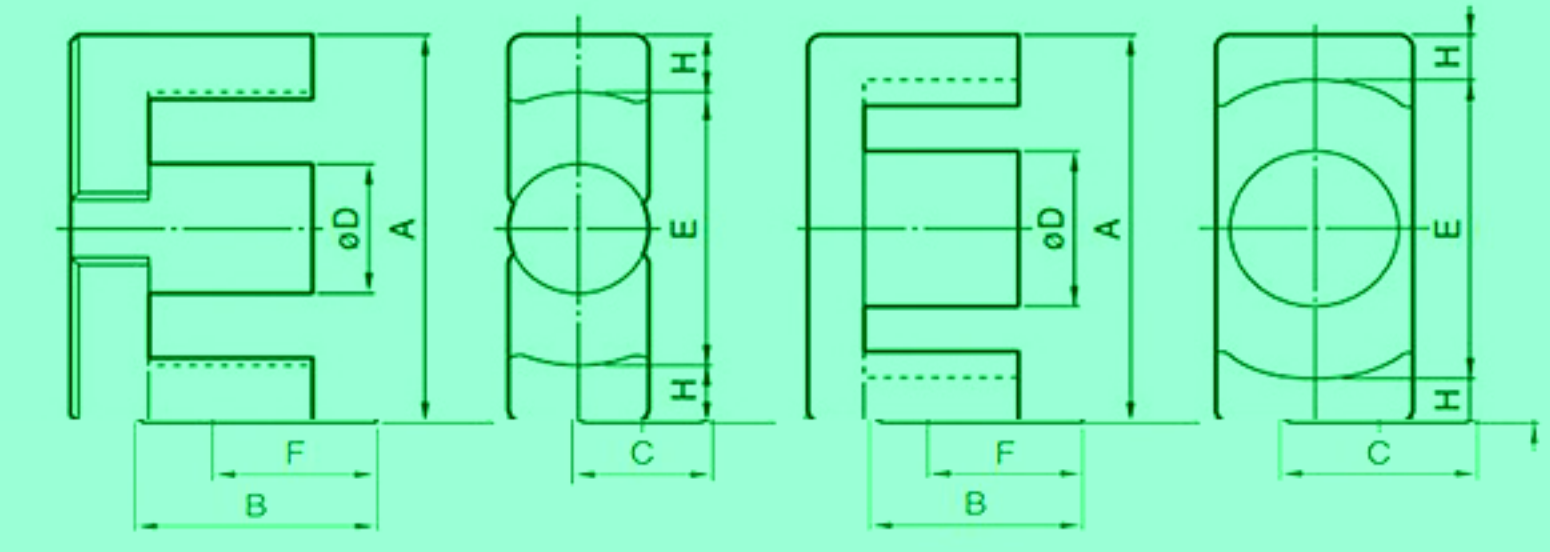
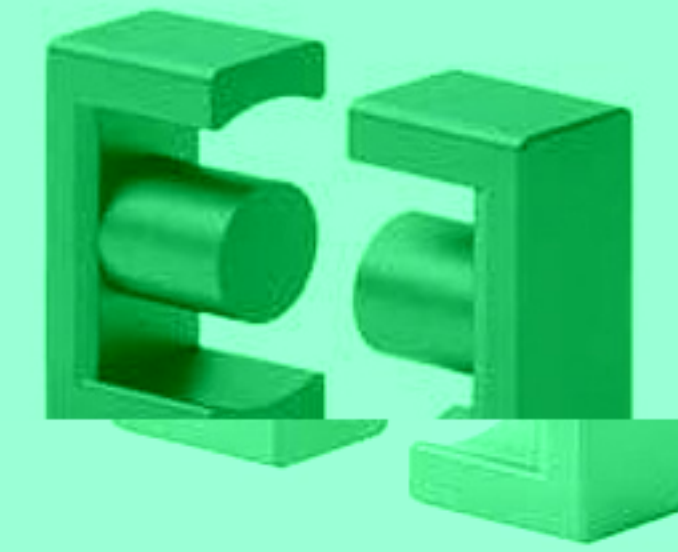


Fig. 1

Fig. 2

| NO. | 品名 | 形状 | 尺寸规格(Unit: mm) | | | | | | | | 磁芯常数 | 实效截面面积 | 最小实效截面面积 | 实效磁路长度 | 实效体积 | 重量 | 电气特性 | | IEC |
|-----|--------|-------|----------------|----------|-----------|-----------|-----------|------|----------|--------|-------|--------|----------|--------|-------|-----|----------|-------------|--------|
| | 磁芯形状 | 材质 | 图示 | A | B | C | D | E | F | H | | C1 | Ae | Aemin | Le | Ve | Weight | *1kHz,0.5mA | |
| | | | | | | | | | | | | | | | | | 无气隙 | 带气隙 | 参考名称 |
| 7 | EER42 | SMP40 | Fig.1 | 42.0±0.6 | 22.4±0.2 | 15.5±0.25 | 15.5±0.25 | 29.4 | 15.4±0.3 | (6.0) | 0.510 | 194.00 | 182.00 | 98.80 | 19200 | 102 | 4690±25% | 250±5% | EER42 |
| | | SMP47 | | | | | | | | | | | | | | | 5000±25% | 500±7% | |
| | | SMP95 | | | | | | | | | | | | | | | 5340±25% | | |
| | | SMP40 | | | | | | | | | | | | | | | 4050±25% | 250±5% | |
| 8 | EER42Z | SMP47 | Fig.1 | 42.0±0.6 | 22.4±0.2 | 15.5±0.25 | 15.5±0.25 | 29.4 | 15.4±0.3 | (6.0) | 0.510 | 194.00 | 182.00 | 98.80 | 19200 | 102 | 4500±25% | 250±5% | EER42Z |
| | | SMP40 | | | | | | | | | | | | | | | 5000±25% | 500±7% | |
| | | SMP95 | | | | | | | | | | | | | | | 5340±25% | | |
| 9 | EER42Z | SMP40 | Fig.1 | 42.0±0.6 | 22.4±0.2 | 15.5±0.25 | 15.5±0.25 | 29.4 | 15.4±0.3 | (6.0) | 0.510 | 194.00 | 182.00 | 98.80 | 19200 | 102 | 4050±25% | 250±5% | EER42Z |
| | | SMP47 | | | | | | | | | | | | | | | 5000±25% | 500±7% | |
| | | SMP95 | | | | | | | | | | | | | | | 5340±25% | | |
| 10 | EER49 | SMP40 | Fig.1 | 49.0±0.8 | 27.0±0.3 | 17.2±0.4 | 17.2±0.25 | 36.4 | 18.5±0.2 | (5.95) | 0.500 | 235.00 | 212.00 | 118.00 | 29087 | 150 | 6150±25% | 250±5% | EER49 |
| | | SMP95 | | | | | | | | | | | | | | | 7600±25% | | |
| | | SMP40 | | | | | | | | | | | | | | | 4900±25% | | |
| 11 | EER49L | SMP47 | Fig.2 | 49.0±0.8 | 27.0±0.3 | 17.2±0.4 | 17.2±0.25 | 36.4 | 18.5±0.2 | (5.95) | 0.500 | 235.00 | 212.00 | 118.00 | 29087 | 150 | 5200±25% | 250±5% | EER49L |
| | | SMP95 | | | | | | | | | | | | | | | 6550±25% | | |
| | | SMP40 | | | | | | | | | | | | | | | 6000±25% | | |
| 12 | EER54 | SMP47 | Fig.2 | 54.2±1.0 | 24.7±0.25 | 18.8±0.25 | 18.8±0.3 | 40.0 | 17.2±0.3 | (6.7) | 0.425 | 272.00 | 260.00 | 116.00 | 31552 | 170 | 6150±25% | 250±5% | EER54 |
| | | SMP95 | | | | | | | | | | | | | | | 7750±25% | | |
| | | SMP40 | | | | | | | | | | | | | | | 6150±25% | | |