

FIG.1

| TYPE          | FIG. | Dimensions(mm) |            |            |            |             |            |
|---------------|------|----------------|------------|------------|------------|-------------|------------|
|               |      | A              | B          | C          | D          | E           | F          |
| EE5/5/2       | 1    | 5.25±0.2       | 2.65±0.15  | 1.95±0.1   | 1.35±0.1   | 3.8min      | 2.0±0.15   |
| EE6.3/6.7/1.2 | 1    | 6.3±0.3        | 3.35±0.1   | 1.2±0.2    | 1.75±0.2   | 4.2min      | 2.1±0.1    |
| EE8.3/8/4     | 1    | 8.7±0.3        | 4.1±0.2    | 3.9±0.2    | 1.85±0.15  | 6.1min      | 3.1±0.2    |
| EE10/11/5     | 1    | 10.2±0.3       | 5.5±0.15   | 4.85±0.2   | 2.5±0.15   | 7.5min      | 4.3±0.15   |
| EE10/11/10    | 1    | 10.5±0.5       | 5.5±0.15   | 9.8±0.3    | 2.4±0.3    | 7.6min      | 4.3±0.2    |
| EE12/13/4     | 1    | 11.9±0.4       | 6.5±0.3    | 3.7±0.2    | 2.5±0.2    | 8.6min      | 4.9±0.3    |
| EE13/13/4     | 1    | 12.7±0.35      | 6.35±0.15  | 3.6±0.2    | 3.6±0.2    | 8.8min      | 4.65±0.15  |
| EE13/12/6     | 1    | 13.0±0.4       | 6.0±0.15   | 6.0±0.15   | 2.6±0.2    | 9.8min      | 4.7±0.3    |
| EE13/13/6     | 1    | 13.2±0.4       | 6.3±0.3    | 6.0±0.3    | 2.7±0.3    | 10.0min     | 4.7±0.3    |
| EE13/13/10    | 1    | 13.2±0.4       | 6.3±0.3    | 9.8±0.3    | 2.7±0.3    | 9.8min      | 4.7±0.3    |
| EE16/12/5     | 1    | 16.1±0.6       | 6.1±0/-0.3 | 4.7±0/-0.4 | 4.7±0/-0.3 | 11.45min    | 3.8±0.2    |
| EE16/12/7     | 1    | 16.0±0.35      | 6.0±0.15   | 7.2±0.2    | 4.55±0.2   | 11.3min     | 3.85±0.15  |
| EE16/14/7     | 1    | 16.0±0.5       | 7.3±0.3    | 6.7±0.3    | 4.0±0.3    | 11.8min     | 5.2±0.3    |
| EE16/15/5     | 1    | 16.0±0.5       | 7.3±0.3    | 5.0±0.3    | 4.0±0.3    | 11.8min     | 5.2±0.3    |
| EE16/16/5     | 1    | 16.2±0.6       | 8.1±0.3    | 4.5±0.3    | 4.5±0.3    | 11.4min     | 5.9±0.3    |
| EE16/16/7     | 1    | 16.0±0.5       | 8.2±0.2    | 7.0±0.3    | 4.6±0.3    | 11.2min     | 6.0±0.2    |
| EE16/16/8     | 1    | 16.0±0.7/-0.5  | 8.2±0/-0.3 | 8.2±0/-0.3 | 4.7±0/-0.3 | 11.3±0.6/-0 | 5.7±0.4/-0 |
| EE16/25/5     | 1    | 16.0±0.4       | 12.5±0.2   | 4.8±0.2    | 4.0±0.2    | 11.7min     | 10.35±0.2  |
| EE19/16/5     | 1    | 19.0±0.4       | 8.0±0.15   | 4.8±0.2    | 4.75±0.2   | 13.8min     | 5.8±0.15   |
| EE19/16/7     | 1    | 19.2±0.3       | 8.2±0.2    | 6.7±0.3    | 4.7±0.2    | 14.4min     | 5.9±0.2    |
| EE19/16/10    | 1    | 19.2±0.5       | 8.1±0.3    | 9.5±0.3    | 4.6±0.3    | 14.2min     | 5.8±0.3    |
| EE19/20/5     | 1    | 19.1±0.5       | 9.9±0.25   | 5.0±0.5    | 4.55±0.5   | 14.0min     | 7.6±0.15   |
| EE19/27/5     | 1    | 19.1±0.3       | 13.55±0.25 | 5.0±0.2    | 4.7±0.3    | 14.0min     | 11.15±0.35 |
| EE20/20/6     | 1    | 20.0±0.5       | 10.1±0.3   | 5.7±0.3    | 5.7±0.3    | 14.1min     | 7.6±0.3    |
| EE20/20/9     | 1    | 20.0±0.6       | 9.9±0.2    | 8.8±0.25   | 5.7±0.2    | 14.1min     | 7.2±0.2    |
| EE20/20/11    | 1    | 20.0±0.4       | 10±0.15    | 10.8±0.3   | 5.7±0.2    | 14.1min     | 7.2±0.15   |
| EE20/21/7     | 1    | 20.5±0.5       | 10.7±0.3   | 7.0±0.3    | 5.0±0.3    | 14.7min     | 7.0±0.3    |
| EE20/28/5     | 1    | 20.1±0.5       | 13.9±0.3   | 4.8±0.3    | 4.8±0.3    | 14.6min     | 11.7±0.3   |
| EE22/19/6     | 1    | 22.4±0.5       | 9.5±0.4    | 5.65±0.25  | 5.65±0.25  | 16.0min     | 5.6±0.4    |
| EE22/30/6     | 1    | 22.0±0.4       | 15.0±0.4   | 5.75±0.25  | 5.75±0.25  | 15.6min     | 11.3±0.2   |
| EE22/44/5     | 1    | 22.2±0.4       | 22.2±0.4   | 4.7±0.3    | 5.8±0.3    | 15.6min     | 18.2±0.2   |

| CI<br>(mm <sup>-1</sup> ) | Ao<br>(mm <sup>2</sup> ) | Le<br>(mm) | Ye<br>(mm <sup>2</sup> ) | AL±25%(nH/NP) |      |      |      |      |         | Weight<br>g/PKS |
|---------------------------|--------------------------|------------|--------------------------|---------------|------|------|------|------|---------|-----------------|
|                           |                          |            |                          | FW40          | FW44 | FW95 | FW5K | FW7K | FW10K   |                 |
| 5.01                      | 2.53                     | 12.68      | 32.1                     | 250           | 260  | 290  | 400  | 530  | 960min  | 0.20            |
| 6.17                      | 2.31                     | 14.27      | 33.0                     | 200           | 210  | 240  |      |      |         | 0.18            |
| 2.75                      | 7.00                     | 19.20      | 134.0                    | 550           | 555  | 650  | 1200 | 1300 | 1500min | 0.70            |
| 2.23                      | 11.81                    | 26.30      | 310.6                    | 800           | 850  | 1000 | 1700 | 2000 | 2300min | 1.50            |
| 1.1                       | 23.10                    | 26.40      | 611.6                    | 1900          | 1900 |      |      |      |         | 3.20            |
| 3.19                      | 9.25                     | 29.55      | 352.3                    |               |      |      |      |      | 3000min | 1.80            |
| 2.34                      | 12.68                    | 29.62      | 375.5                    | 800           | 800  | 1000 | 1530 | 1780 | 2240min | 1.90            |
| 1.92                      | 15.90                    | 30.61      | 486.8                    | 980           | 980  | 1150 | 1500 | 1750 | 2150min | 1.20            |
| 1.86                      | 16.20                    | 30.20      | 586.0                    | 1000          | 1000 | 1500 | 2200 | 2700 | 3100min | 2.70            |
| 1.13                      | 26.46                    | 29.95      | 975.0                    | 2200          | 2330 |      |      |      |         | 3.50            |
| 1.52                      | 19.28                    | 29.39      | 566.8                    | 1160          | 1200 | 1450 |      |      |         | 2.92            |
| 0.93                      | 31.62                    | 29.36      | 928.3                    | 2010          | 2050 | 2500 |      |      |         | 4.80            |
| 1.44                      | 26.20                    | 37.90      | 993.0                    | 1130          | 1220 | 1500 |      |      |         | 4.60            |
| 1.8                       | 19.00                    | 34.80      | 670.0                    | 1100          | 1170 | 1250 | 2400 | 2800 | 3200min | 3.30            |
| 1.87                      | 20.10                    | 37.60      | 754.0                    | 1000          | 1070 | 1320 | 2300 | 2800 | 3200min | 3.90            |
| 1.05                      | 34.20                    | 38.40      | 1033.4                   | 1200          |      |      |      |      |         | 5.80            |
| 1.03                      | 36.33                    | 37.56      | 1364.7                   | 1900          | 1950 | 2400 |      |      |         | 6.86            |
| 2.78                      | 20.01                    | 55.67      | 1114.0                   | 800           | 770  |      |      |      |         | 5.10            |
| 1.79                      | 22.28                    | 39.81      | 886.9                    | 1150          | 1200 | 1450 | 1950 | 2300 | 3300min | 4.40            |
| 1.34                      | 30.30                    | 40.80      | 1236.0                   | 1500          | 1520 | 1850 |      |      |         | 6.30            |
| 0.9                       | 44.50                    | 39.90      | 1777.5                   | 1700          | 2250 | 2800 |      |      |         | 9.20            |
| 2.08                      | 22.90                    | 47.60      | 1090.0                   | 950           | 1060 | 1320 |      |      |         | 6.80            |
| 2.78                      | 22.40                    | 62.20      | 1393.0                   | 830           | 860  | 1100 | 1800 | 2300 | 2800min | 7.00            |
| 1.38                      | 31.00                    | 43.00      | 1340.0                   | 1250          | 1600 | 1950 |      |      |         | 7.50            |
| 0.96                      | 48.06                    | 46.32      | 2226.0                   | 2170          | 2220 | 2800 |      |      |         |                 |
| 0.77                      | 60.46                    | 46.39      | 2804.6                   | 2800          | 2900 | 3600 |      |      |         | 14.2            |
| 1.20                      | 39.29                    | 47.09      | 1850.2                   | 1600          | 1650 | 2070 | 3600 | 4200 | 5800min | 9.70            |
| 2.55                      | 24.50                    | 62.74      | 1541.8                   | 860           | 880  | 1130 | 2800 | 3500 | 4200min | 8.40            |
| 1.29                      | 31.92                    | 41.22      | 1749.2                   | 1790          | 1900 | 2350 | 3900 | 4700 | 5600min | 7.00            |
| 1.82                      | 35.00                    | 63.60      | 2220.0                   | 1300          | 1230 | 1570 | 2800 | 3500 | 4200min | 11.1            |
| 3.15                      | 29.60                    | 93.20      | 2757.0                   | 650           | 750  | 970  |      |      |         | 13.80           |

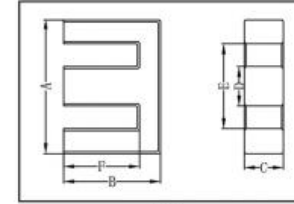


FIG.1

| TYPE       | FIG. | Dimensions(mm) |            |             |           |          |            |
|------------|------|----------------|------------|-------------|-----------|----------|------------|
|            |      | A              | B          | C           | D         | E        | F          |
| EE23/18/8  | 1    | 23.0±0.4       | 9.0±0.15   | 8.2±0.2     | 7.2±0.2   | 16.6min  | 5.4±0.15   |
| EE25/20/6  | 1    | 25.4±0.5       | 10.0±0.3   | 6.4±0.3     | 6.0±0.3   | 18.5min  | 7.0±0.3    |
| EE25/14/14 | 1    | 25.00±0.4      | 7.25±0.15  | 13.8±0.30   | 7.2±0.25  | 17.6min  | 2.05±0.15  |
| EE25/18/11 | 1    | 25.05±0.75     | 9.0±0.25   | 10.75±0.3   | 7.25±0.25 | 17.8min  | 5.4±0.25   |
| EE25/25/9  | 1    | 25.05±0.75     | 12.55min   | 8.85±0.25   | 7.25±0.25 | 17.5min  | 9.0min     |
| EE25/26/7  | 1    | 25.05±0.75     | 12.55±0.25 | 7.2±0.3     | 7.25±0.25 | 17.5min  | 8.95±0.25  |
| EE25/26/11 | 1    | 25.05±0.5      | 12.55±0.15 | 10.75±0.3   | 7.25±0.25 | 17.5min  | 8.95±0.15  |
| EE25/32/6  | 1    | 25.4±0.5       | 16.3±0.4   | 6.3±0.3     | 6.3±0.3   | 18.6min  | 13.3±0.4   |
| EE26/22/11 | 1    | 26.7±0.5       | 10.8±0.3   | 11.0±0.3    | 7.2±0.3   | 19.0min  | 6.8±0.3    |
| EE28/21/11 | 1    | 28.40±0.5      | 10.30±0.2  | 10.70±0.3   | 7.20±0.3  | 20.0min  | 6.30±0.2   |
| EE28/34/11 | 1    | 28.2±0.5       | 17.1±0.3   | 10.4±0.3    | 7.1±0.3   | 18.9min  | 12.8±0.4   |
| EE30/26/11 | 1    | 30.0±0.5       | 13.2±0.2   | 10.7±0.3    | 10.7±0.3  | 19.8min  | 8.1±0.2    |
| EE30/30/7  | 1    | 30.0±0.7       | 15.0±0.2   | 7.05±0.25   | 6.95±0.25 | 19.6min  | 10.0±0.2   |
| EE32/33/9  | 1    | 32.1±0.6       | 16.7±0.15  | 9.15±0.3    | 9.2±0.3   | 22.7min  | 11.5±0.15  |
| EE32/32/11 | 1    | 32.1±0.6       | 16.1±0.15  | 10.45±0.3   | 9.2±0.3   | 23.2±0.6 | 11.75±0.15 |
| EE33/28/13 | 1    | 33.0±0.6       | 14.0±0.3   | 13.0±0/-0.6 | 9.7±0.3   | 22.8min  | 9.6±0.3    |
| EE33/48/13 | 1    | 33±0.65        | 23.7±0.15  | 12.7±0.35   | 9.7±0.3   | 23.8min  | 19.2±0.15  |
| EE35/29/10 | 1    | 35.0±0.5       | 14.5±0.25  | 10.0±0.4    | 9.5±0.3   | 25.0min  | 10.0±0.3   |
| EE35/35/10 | 1    | 35.0±0.6       | 17.5±0.3   | 10.0±0.3    | 10.0±0.3  | 24.5min  | 12.5±0.3   |
| EE40/35/12 | 1    | 40.0±0.7       | 17.5±0.4   | 11.7±0.4    | 11.5±0.4  | 27.2min  | 10.6±0.4   |
| EE41/34/13 | 1    | 40.6±0.6       | 16.5±0.3   | 12.5±0.3    | 12.5±0.3  | 28.6min  | 10.5±0.3   |
| EE42/42/15 | 1    | 42.1±0.9       | 21.2±0.4   | 14.9±0.3    | 12.0±0.3  | 29.5min  | 15.4±0.3   |
| EE42/42/20 | 1    | 42.1±0.9       | 21.2±0.4   | 19.9±0.3    | 12.0±0.3  | 29.5min  | 15.4±0.3   |
| EE51/54/12 | 1    | 50.5±1.0       | 26.8±0.2   | 12.0±0.3    | 16.0±0.25 | 33.9min  | 18.8±0.2   |
| EE55/55/17 | 1    | 55.0±1.0       | 27.5±0.3   | 17.0±0.7    | 16.7±0.3  | 37.0min  | 18.8±0.3   |
| EE55/55/21 | 1    | 55.0±1.0       | 27.7±0.3   | 20.9±0.5    | 16.9±0.3  | 37.5min  | 18.8±0.3   |
| EE56/55/25 | 1    | 56.5±1.0       | 27.8±0.3   | 24.8±0.3    | 16.85±0.3 | 37.5min  | 19.0±0.3   |
| EE65/65/20 | 1    | 65.4±1.6       | 32.6±0.6   | 19.8±0.7    | 19.8±0.7  | 44.2min  | 22.6±0.6   |
| EE65/65/27 | 1    | 65.4±1.6       | 32.6±0.6   | 27.0±0.6    | 19.8±0.7  | 44.2min  | 22.6±0.6   |
| EE70/66/32 | 1    | 70.0±1.5       | 33.0±0.3   | 31.75±0.8   | 21.5±0.6  | 48.0min  | 22.5±0.3   |
| EE80/76/20 | 1    | 80.5±1.5       | 38.0±0.4   | 20.0±0.5    | 20.0±0.4  | 60.0min  | 28.0±0.3   |

| C1    | Ae     | Le     | Ve       | AL±25%(nH/NF) |       |       |      |       |          | Weight |
|-------|--------|--------|----------|---------------|-------|-------|------|-------|----------|--------|
|       |        |        |          | FW40          | FW44  | FW95  | FW5K | FW7K  | FW10K    | g/PRS  |
| 0.72  | 59.00  | 42.60  | 2548.0   | 2500          |       |       |      |       |          | 13.50  |
| 1.28  | 38.40  | 49.50  | 2131.0   | 1900          | 1650  | 2070  | 4100 | 5100  | 6000     | 10.70  |
| 0.29  | 99.36  | 29.40  | 4414.0   | 4800          |       |       |      |       |          | 22.00  |
| 0.56  | 77.30  | 43.60  | 3371.0   | 3200          |       |       |      |       |          | 20.30  |
| 0.93  | 62.69  | 58.51  | 3667.9   | 2350          | 2430  | 3100  |      |       |          | 19.00  |
| 1.06  | 54.00  | 57.60  | 3267.0   | 1900          | 1980  | 2500  |      |       |          | 13.50  |
| 0.75  | 76.99  | 57.81  | 4451.0   | 3000          | 3100  | 3950  |      |       |          | 22.40  |
| 1.90  | 40.40  | 76.70  | 3097.0   | 1300          | 1300  |       | 2800 | 3600  | 4300     | 15.50  |
| 0.62  | 79.20  | 49.80  | 4578.0   | 3600          | 3600  |       |      |       |          | 22.00  |
| 0.63  | 77.00  | 48.80  | 4534.0   | 3500          | 3690  | 4630  |      |       |          | 24.00  |
| 0.99  | 73.84  | 73.65  | 6888.0   | 2400          | 2500  | 3230  |      |       |          | 35.00  |
| 0.53  | 110.00 | 57.80  | 6358.0   | 4100          | 4230  | 5370  |      |       |          | 35.00  |
| 1.28  | 48.90  | 63.00  | 4561.0   | 2300          | 1750  | 2240  | 4600 |       |          | 23.60  |
| 0.88  | 85.44  | 75.08  | 6414.5   | 2700          | 2800  | 3600  | 5050 | 6100  | 7600min  | 32.60  |
| 0.80  | 93.47  | 74.91  | 7001.8   | 2950          | 3100  | 3950  |      |       |          | 35.20  |
| 0.56  | 118.83 | 66.50  | 7901.8   | 3900          | 4040  | 5170  |      |       |          | 40.60  |
| 0.92  | 114.88 | 105.47 | 12115.9  | 2750          | 2850  | 3700  |      |       |          | 60.60  |
| 0.70  | 98.60  | 69.20  | 6820.0   | 2593          | 2684  | 3430  | 5550 | 6700  | 8400min  | 33.20  |
| 0.81  | 99.69  | 84.77  | 8047.5   | 2950          | 3050  | 3950  |      |       |          | 40.80  |
| 0.55  | 141.80 | 78.68  | 11161.0  | 4300          | 4390  | 5660  |      |       |          | 59.00  |
| 0.52  | 149.22 | 77.41  | 11551.4  | 4400          | 4560  | 5870  | 8890 | 10800 | 13300min | 59.30  |
| 0.60  | 180.00 | 97.80  | 17600.0  | 3800          | 4560  | 5940  |      |       |          | 88.00  |
| 0.40  | 242.00 | 97.80  | 24698.0  | 5000          | 6070  | 7900  |      |       |          | 120.00 |
| 0.62  | 192.00 | 118.80 | 22866.0  | 4700          | 4500  |       |      |       |          | 120.00 |
| 0.428 | 283.00 | 121.00 | 37810.0  | 5500          | 3700  |       |      |       |          | 178.00 |
| 0.35  | 354.00 | 123.00 | 43542.0  | 6500          | 7350  | 9660  |      |       |          | 223.00 |
| 0.29  | 417.00 | 122.00 | 58446.0  | 7770          |       |       |      |       |          | 308.00 |
| 0.40  | 378.90 | 147.00 | 58655.0  | 5400          | 5900  | 7840  |      |       |          | 285.00 |
| 0.274 | 540.00 | 147.00 | 79000.0  | 7900          | 9700  | 12800 |      |       |          | 410.00 |
| 0.208 | 700.00 | 145.50 | 101900.0 | 12800         | 12200 | 16100 |      |       |          | 530.00 |
| 0.446 | 399.00 | 183.50 | 73150.0  | 4500          | 5880  | 7840  |      |       |          | 368.00 |



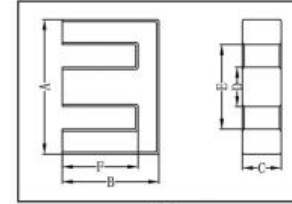


FIG.1

| TYPE           | FIG. | Dimensions(mm) |           |          |          |           |            |
|----------------|------|----------------|-----------|----------|----------|-----------|------------|
|                |      | A              | B         | C        | D        | E         | F          |
| EE85/87/26     | 1    | 85.0±1.2       | 43.5±0.5  | 26.0±0.6 | 26.4±0.6 | 56.0min   | 30.5±0.5   |
| EE85/88/32     | 1    | 85.0±1.5       | 44.0±1.0  | 31.5±0.5 | 26.8±0.5 | 55.0min   | 29.0±1.5/0 |
| EE100/120/28   | 1    | 100.0±2.0      | 60.0±0.6  | 28.0±1.0 | 28.0±1.0 | 71.5min   | 46.5±1.2   |
| EE110/110/36   | 1    | 110.0±2.0      | 55.0±0.6  | 36.0±1.0 | 36.0±1.0 | 75.0min   | 38.0±0.2   |
| EE110/114/18.5 | 1    | 110.0±2.5      | 57.0±0.5  | 18.5±0.5 | 36.0±0.4 | 110.0±2.5 | 39.0±0.5   |
| EE118/173/35   | 1    | 118.0±1.5      | 66.5±0.5  | 35.0±0.4 | 35.0±0.4 | 118.0±1.5 | 69.0±0.5   |
| EE120/90/30    | 1    | 120.0±1.5      | 45.0±0.5  | 30.0±0.5 | 29.0±0.5 | 88.0±1.5  | 30.0±0.5   |
| EE128/128/40   | 1    | 128.0±2.0      | 64.0±0.5  | 40.0±0.5 | 40.0±0.5 | 88.0±1.5  | 44.0±0.5   |
| EE130/128/40   | 1    | 130.0±2.0      | 64.0±0.5  | 40.0±0.5 | 40.0±0.5 | 90.0±1.5  | 44.0±0.5   |
| EE140/136/40   | 1    | 140.0±2.0      | 68.0±0.5  | 40.0±0.5 | 40.0±0.5 | 100.0±1.5 | 48.0±0.5   |
| EE160/160/40   | 1    | 160.0±2.5      | 80.0±0.75 | 40.0±0.5 | 40.0±0.5 | 116.0±1.5 | 60.0±0.75  |
| EE160/170/40   | 1    | 160.0±2.5      | 85.0±0.75 | 40.0±0.5 | 40.0±0.5 | 116.0±1.5 | 65.0±0.75  |
| EE160/250/40   | 1    | 162.0±3.0      | 125.0±0.5 | 40.0±0.5 | 58.0±1.5 | 101.0±1.5 | 95.0±0.5   |
| EE180/250/40   | 1    | 180.0±3.0      | 125.0±0.5 | 40.0±0.5 | 60.0±1.5 | 120.0±2.5 | 95.0±0.5   |
| EE188/154/27   | 1    | 188.0±2.5      | 77.0±1.0  | 27.0±0.5 | 54.0±1.3 | 126.0±2.5 | 49.0±1.0   |
| EE188/154/54   | 1    | 188.0±2.5      | 77.0±1.0  | 54.0±0.5 | 54.0±1.3 | 126.0±2.5 | 49.0±1.0   |
| EE193/158/30   | 1    | 193.0±4.0      | 79.0±1.0  | 30.0±0.5 | 59.0±2.0 | 132.0±2.5 | 49.0±1.0   |
| EE200/160/40   | 1    | 200.0±4.0      | 80.0±1.0  | 40.0±0.5 | 40.0±0.7 | 158.0±3.0 | 60.0±1.0   |
| EE210/190/40   | 1    | 210.0±4.0      | 95.0±0.5  | 40.0±0.5 | 60.0±1.0 | 150.0±3.0 | 65.0±0.5   |
| EE230/188/28   | 1    | 230.0±4.0      | 94.0±1.0  | 28.0±0.5 | 60.0±1.5 | 172.0±3.0 | 63.0±1.0   |
| EE240/232/40   | 1    | 240.0±4.0      | 116.0±4.0 | 40.0±0.5 | 60.0±2.0 | 176.0±3.0 | 86.0±4.0   |
| EE250/226/40   | 1    | 250.0±4.0      | 113.0±0.5 | 40.0±0.5 | 60.0±2.0 | 186.0±3.0 | 83.0±0.5   |
| EE260/182/40   | 1    | 260.0±4.0      | 91.0±0.5  | 40.0±0.5 | 59.0±2.0 | 200.0±4.0 | 63.0±0.5   |
| EE320/320/40   | 1    | 320.0±6.0      | 160.0±0.5 | 40.0±0.5 | 80.0±2.0 | 236.0±4.0 | 120.0±0.5  |
| EE480/320/40   | 1    | 480.0±7.0      | 160.0±0.5 | 40.0±0.5 | 80.0±2.0 | 400.0±6.0 | 120.0±0.5  |
| EE640/320/40   | 1    | 640.0±10/5     | 160.0±0.5 | 40.0±0.5 | 80.0±1.5 | 560.0±6.0 | 120.0±0.5  |

| Cl     | Ae      | Le      | Ve        | AL ± 25%(nH/N°) |      |      |      |      |       | Weight<br>g/PRS |
|--------|---------|---------|-----------|-----------------|------|------|------|------|-------|-----------------|
|        |         |         |           | FW40            | FW44 | FW95 | FWSK | FW7K | FW10K |                 |
| 0.27   | 686.00  | 196.30  | 145320.0  | 7500            |      |      |      |      |       | 700.00          |
| 0.218  | 844.00  | 184.00  | 184098.0  | 11800           |      |      |      |      |       | 880.00          |
| 0.349  | 775.00  | 271.00  | 222728.0  | 10000           |      |      |      |      |       | 1028.00         |
| 0.19   | 1282.00 | 243.10  | 311810.0  | 10000           |      |      |      |      |       | 1796.50         |
| 0.375  | 666.00  | 250.00  | 174270.0  | 7000            |      |      |      |      |       | 830.00          |
| 0.31   | 1225.00 | 375.00  | 487480.0  | 8500            |      |      |      |      |       | 2320.00         |
| 0.255  | 870.00  | 223.00  | 217800.0  | 10200           |      |      |      |      |       | 1050.00         |
| 0.177  | 1600.00 | 284.00  | 486400.0  | 14000           |      |      |      |      |       | 2330.00         |
| 0.179  | 1600.00 | 286.00  | 489600.0  | 14000           |      |      |      |      |       | 2340.00         |
| 0.195  | 1600.00 | 312.00  | 531200.0  | 13000           |      |      |      |      |       | 2550.00         |
| 0.235  | 1600.00 | 376.00  | 659200.0  | 10800           |      |      |      |      |       | 3160.00         |
| 0.247  | 1600.00 | 396.00  | 692800.0  | 10500           |      |      |      |      |       | 3320.00         |
| 0.219  | 2320.00 | 511.00  | 1293200.0 | 12000           |      |      |      |      |       | 6250.00         |
| 0.22   | 2400.00 | 530.00  | 1344000.0 | 13091           |      |      |      |      |       | 6451.00         |
| 0.239  | 1458.00 | 349.00  | 591192.0  | 10700           |      |      |      |      |       | 2830.00         |
| 0.118  | 2916.00 | 349.00  | 1162384.0 | 21500           |      |      |      |      |       | 5650.00         |
| 0.201  | 1770.00 | 358.00  | 700200.0  | 13000           |      |      |      |      |       | 3370.00         |
| 0.261  | 1600.00 | 418.00  | 713600.0  | 10000           |      |      |      |      |       | 3420.00         |
| 0.183  | 2400.00 | 440.00  | 1128000.0 | 13750           |      |      |      |      |       | 5400.00         |
| 0.27   | 1680.00 | 454.00  | 815584.0  | 9500            |      |      |      |      |       | 3900.00         |
| 0.229  | 2400.00 | 550.00  | 1429120.0 | 11300           |      |      |      |      |       | 6850.00         |
| 0.228  | 2400.00 | 548.00  | 1423460.0 | 11300           |      |      |      |      |       | 6830.00         |
| 0.20   | 2360.00 | 481.00  | 1182160.0 | 12300           |      |      |      |      |       | 5670.00         |
| 0.236  | 3200.00 | 756.00  | 2598400.0 | 11000           |      |      |      |      |       | 12400.00        |
| 0.2875 | 3200.00 | 920.00  | 3072000.0 | 8750            |      |      |      |      |       | 14700.00        |
| 0.33   | 3200.00 | 1080.00 | 3584000.0 | 8595            |      |      |      |      |       | 17203.00        |

## Material: FW44

### Features:

- 1. Mostly Used at Middle Frequency (Less than 300kHz)
- 2. Low Core Loss and High Saturation Flux Density
- 3. The Temperature Point of the Lowest Core Loss is 90°C

|                                  |                               |       |                     |
|----------------------------------|-------------------------------|-------|---------------------|
| Initial permeability             | $\mu_i$                       | 25°C  | 2400±25%            |
| Saturation magnetic flux density | $B_s$ (mT)                    | 25°C  | 510                 |
|                                  | 1194A/m                       | 100°C | 390                 |
| Remanence                        | $B_r$ (mT)                    | 25°C  | 110                 |
|                                  |                               | 100°C | 60                  |
| Coercivity                       | $H_c$ (A/m)                   | 25°C  | 13                  |
|                                  |                               | 100°C | 6.5                 |
| Core loss                        | $P_{cv}$ (kW/m <sup>3</sup> ) | 25°C  | 600                 |
|                                  | 100kHz 200mT                  | 100°C | 300                 |
|                                  |                               | 120°C | 400                 |
| Curie temperature                | $T_c$ (°C)                    |       | ≥215                |
| Electrical resistivity           | $\rho$ (Ω·m)                  |       | 6.5                 |
| Density                          | $d$ (kg/m <sup>3</sup> )      |       | 4.8×10 <sup>3</sup> |
| Test core: Toroid(mm)            |                               |       |                     |
| OD: 25                           |                               |       |                     |
| ID: 15                           |                               |       |                     |
| H: 7.5                           |                               |       |                     |

