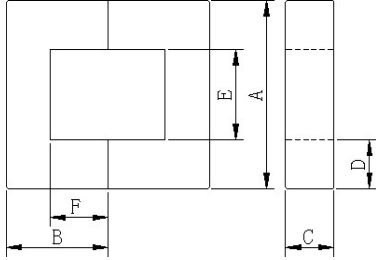
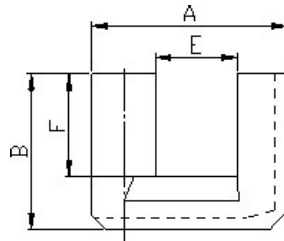




## UYF UY UF CORES



UU



UYF-a

| Part No | UU9.8     | UU10.5     | UU16       | UYF8.8/29  |
|---------|-----------|------------|------------|------------|
|         | UU        | UU         | UU         | UYF-a      |
| A       | 9.80±0.30 | 10.50±0.30 | 16.00±0.40 | 28.20±0.50 |
| B       | 7.10±0.20 | 7.85±0.20  | 10.00±0.20 | 21.00±0.30 |
| C       | 2.70±0.20 | 5.00±0.20  | 5.90±0.20  | 8.80±0.30  |
| D       | 2.80±0.20 | 2.50±0.20  | 4.50±0.20  | 5.90±0.30  |
| E(min)  | 4.10      | 5.20       | 6.80       | 13.00      |
|         | 4.20±0.20 | 5.35±0.20  | 7.00±0.20  | 14.10±0.20 |

|                       |      |      |      |       |
|-----------------------|------|------|------|-------|
| Cl(mm <sup>-1</sup> ) | 4.46 | 3.22 | 2.03 | 1.905 |
| Le(mm)                | 34.1 | 40.3 | 51.2 | 105.1 |
| Ae(mm <sup>2</sup> )  | 7.7  | 12.5 | 25.1 | 55.16 |
| Ve(mm <sup>3</sup> )  | 262  | 503  | 1290 | 5798  |
| G(g)                  | 1.3  | 2.5  | 6.7  | 28    |

|    |      |      |      |      |      |
|----|------|------|------|------|------|
| AL | PC40 | 0.16 | 0.30 | 0.77 | 3.48 |
|    | PC44 | 0.14 | 0.28 | 0.71 | 3.19 |
|    | PC95 | 0.14 | 0.28 | 0.71 | 3.19 |
|    | PC40 | 490  | 680  | 1080 | 1150 |
|    | PC44 | 520  | 690  | 1130 | 1210 |
|    | PC95 | 630  | 870  | 1380 | 1470 |
|    | R5K  | 800  | 1400 | 2000 |      |
|    | R7K  | 1500 | 2200 | 2400 |      |
|    | R10K | 2500 | 2900 | 3200 |      |
|    |      |      |      |      |      |
|    |      |      |      |      |      |
|    |      |      |      |      |      |
|    |      |      |      |      |      |
|    |      |      |      |      |      |

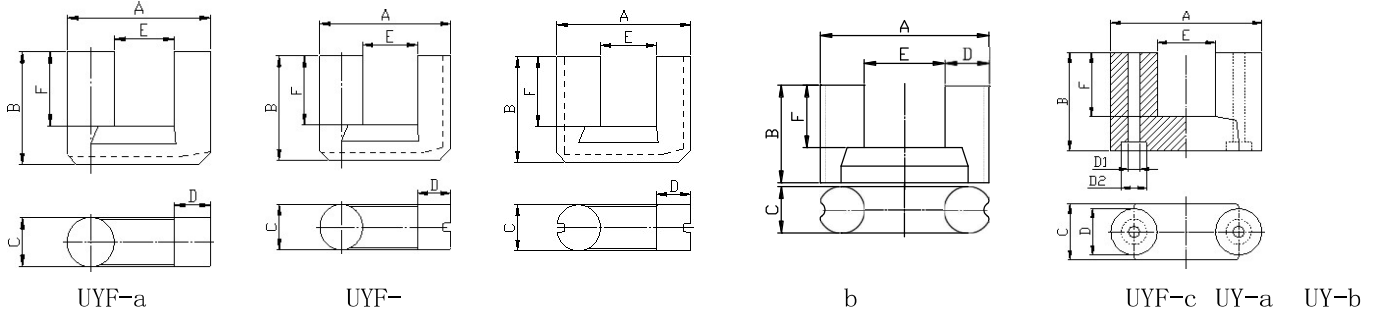
PC40、PC44: 100KHz, 200mT, 100°C  
 PC95 : 100KHz, 200mT, 80°C  
 1) : 100KHz, 100mT, 100°C  
 2) : 25KHz, 200mT, 100°C

1KH, 0.25V, 25°C  
 ±25%



SparkTech Electronics

## UYF UY UF CORES



| Part # |                       | UYF10/32   | UY16/60/ 62 | UYF17/52           | UYF17/56           | UYF17/58           | UYF17/63           | UY20/65            |                    |
|--------|-----------------------|------------|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| ( mm ) | A                     | 32.20±0.50 | 60.40±0.50  | 52.70±0.60         | 56.30±0.60         | 58.40±0.60         | 62.60±0.80         | 65.20±0.80         |                    |
|        | B                     | 20.50±0.20 | 31.00±0.30  | 41.50±0.20         | 42.00±0.20         | 42.00±0.20         | 42.20±0.20         | 41.20±0.20         |                    |
|        | C                     | 10.80±0.20 | 15.75±0.30  | 16.50±0.40         | 16.50±0.40         | 16.60±0.40         | 16.90±0.40         | 23.80±0.40         |                    |
|        | D                     | 8.75±0.20  | 15.00±0.30  | 13.50±0.30         | 13.50±0.30         | 13.90±0.30         | 13.00±0.30         | 20.00±0.30         |                    |
|        | E(min)                | 12.40      | 29.60       | 22.50              | 25.80              | 27.00              | 32.00              | 25.00              |                    |
|        | F                     | 11.50±0.20 | 19.00±0.20  | 28.00±0.20         | 28.50±0.20         | 28.10±0.20         | 28.50±0.20         | 27.00±0.20         |                    |
|        | D1                    |            |             |                    |                    |                    |                    | 5.20               |                    |
|        | D2                    |            |             |                    |                    |                    |                    | 10.00              |                    |
|        |                       |            |             |                    |                    |                    |                    |                    |                    |
|        | C1(mm <sup>-1</sup> ) | 1.139      | 0.972       | 0.936              | 0.987              | 0.981              | 1.011              | 0.699              |                    |
|        | Le (mm)               | 101.1      | 179.6       | 202.2              | 211.4              | 212.9              | 224.5              | 212                |                    |
|        | Ae (mm <sup>2</sup> ) | 88.8       | 184.8       | 215.9              | 214                | 219.7              | 222                | 303.4              |                    |
|        | Ve (mm <sup>3</sup> ) | 8977       | 33200       | 43663              | 45256              | 46778              | 49839              | 64320              |                    |
|        | G(g)                  | 45         | 165         | 198                | 216                | 234                | 243                | 326                |                    |
|        |                       |            |             |                    |                    |                    |                    |                    |                    |
|        |                       | PC40       | 5.38        | 3.92 <sup>1)</sup> | 4.36 <sup>1)</sup> | 4.52 <sup>1)</sup> | 5.82 <sup>1)</sup> | 4.96 <sup>1)</sup> | 6.25 <sup>1)</sup> |
|        |                       | PC44       | 4.93        | 3.32 <sup>1)</sup> | 3.56 <sup>1)</sup> | 3.85 <sup>1)</sup> | 4.92 <sup>1)</sup> | 4.21 <sup>1)</sup> | 5.31 <sup>1)</sup> |
|        |                       | PC95       | 4.93        | 3.32 <sup>1)</sup> | 3.56 <sup>1)</sup> | 3.85 <sup>1)</sup> | 4.92 <sup>1)</sup> | 4.21 <sup>1)</sup> | 5.31 <sup>1)</sup> |
|        | AL                    | PC40       | 1800        | 2200               | 2300               | 2200               | 2200               | 2100               | 2800               |
|        |                       | PC44       | 1900        | 2300               | 2350               | 2300               | 2300               | 2150               | 2900               |
|        |                       | PC95       | 2200        | 2800               | 2750               | 2700               | 2800               | 2490               | 3200               |
|        |                       |            |             |                    |                    |                    |                    |                    |                    |