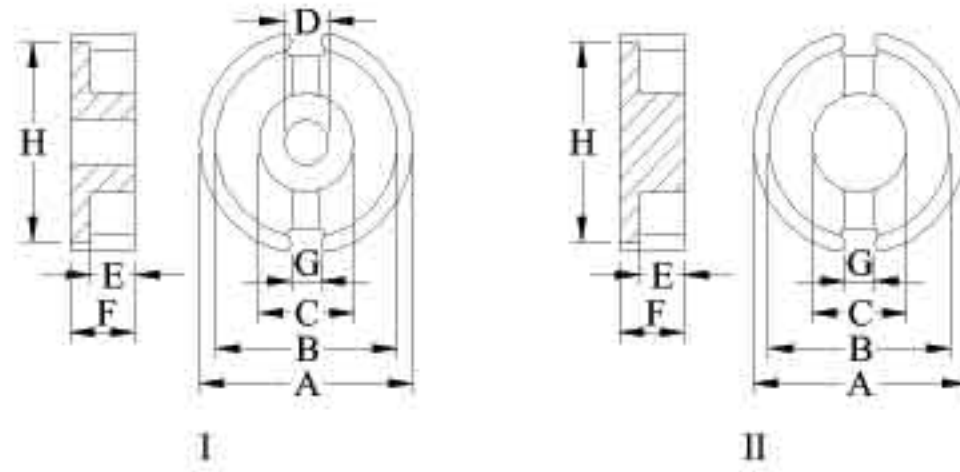


## POT CORES



| Type   | Shape | Dimensions (mm)   |  |  |   |   |   |   |      |
|--------|-------|---|--|--|---|---|---|---|------|
|        |       | A   | B  | C  | D   | E   | F   | G   | H    |
| G14/8  | I     | $14.4 \begin{smallmatrix} 0 \\ -0.9 \end{smallmatrix}$  | $11.4 \begin{smallmatrix} +0.8 \\ 0 \end{smallmatrix}$ | $6.2 \begin{smallmatrix} 0 \\ -0.6 \end{smallmatrix}$  | $2.9 \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ | $2.8 \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ | $4.3 \begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$   | $2.3 \begin{smallmatrix} +1.8 \\ 0 \end{smallmatrix}$ | 10.4 |
|        |       | $14.3 \begin{smallmatrix} 0 \\ -0.5 \end{smallmatrix}$  | $11.6 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ | $6.0 \begin{smallmatrix} 0 \\ -0.6 \end{smallmatrix}$  | $3.0 \begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | $2.8 \begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | $4.25 \begin{smallmatrix} 0 \\ -0.15 \end{smallmatrix}$ | $2.3 \begin{smallmatrix} +1.8 \\ 0 \end{smallmatrix}$ | 10.4 |
| G18/11 | I     | $18.6 \begin{smallmatrix} 0 \\ -1.2 \end{smallmatrix}$  | $14.6 \begin{smallmatrix} +0.9 \\ 0 \end{smallmatrix}$ | $7.8 \begin{smallmatrix} 0 \\ -0.6 \end{smallmatrix}$  | $2.9 \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ | $3.6 \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ | $5.5 \begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$   | $2.7 \begin{smallmatrix} +1.7 \\ 0 \end{smallmatrix}$ | 14.0 |
|        |       | $18.4 \begin{smallmatrix} 0 \\ -0.8 \end{smallmatrix}$  | $14.9 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$ | $7.6 \begin{smallmatrix} 0 \\ -0.3 \end{smallmatrix}$  | $3.0 \begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | $3.6 \begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | $5.35 \begin{smallmatrix} 0 \\ -0.15 \end{smallmatrix}$ | $2.7 \begin{smallmatrix} +1.7 \\ 0 \end{smallmatrix}$ | 14.0 |
| G18/11 | II    | $18.6 \begin{smallmatrix} 0 \\ -1.2 \end{smallmatrix}$  | $14.6 \begin{smallmatrix} +0.9 \\ 0 \end{smallmatrix}$ | $7.8 \begin{smallmatrix} 0 \\ -0.6 \end{smallmatrix}$  |   | $3.6 \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ | $5.5 \begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$   | 5.7   | 15.5 |
| G22/13 | I     | $22.2 \begin{smallmatrix} 0 \\ -1.2 \end{smallmatrix}$  | $17.6 \begin{smallmatrix} +1.2 \\ 0 \end{smallmatrix}$ | $9.5 \begin{smallmatrix} 0 \\ -0.6 \end{smallmatrix}$  | $4.2 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$ | $4.6 \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ | $6.9 \begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$   | $3.0 \begin{smallmatrix} +1.4 \\ 0 \end{smallmatrix}$ | 16.5 |
|        |       | $22.2 \begin{smallmatrix} 0 \\ -0.8 \end{smallmatrix}$  | $17.9 \begin{smallmatrix} +0.6 \\ 0 \end{smallmatrix}$ | $9.4 \begin{smallmatrix} 0 \\ -0.3 \end{smallmatrix}$  | $4.4 \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ | $4.6 \begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | $6.8 \begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$   | $3.0 \begin{smallmatrix} +1.4 \\ 0 \end{smallmatrix}$ | 16.5 |
| G22/13 | II    | $22.2 \begin{smallmatrix} 0 \\ -1.2 \end{smallmatrix}$  | $17.6 \begin{smallmatrix} +1.2 \\ 0 \end{smallmatrix}$ | $9.5 \begin{smallmatrix} 0 \\ -0.6 \end{smallmatrix}$  |   | $4.6 \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ | $6.9 \begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$   | 6.2   | 19.0 |
| G26/16 | I     | $26.2 \begin{smallmatrix} 0 \\ -1.5 \end{smallmatrix}$  | $21.0 \begin{smallmatrix} +1.2 \\ 0 \end{smallmatrix}$ | $11.7 \begin{smallmatrix} 0 \\ -0.8 \end{smallmatrix}$ | $5.2 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$ | $5.5 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ | $8.2 \begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$   | $3.0 \begin{smallmatrix} +1.4 \\ 0 \end{smallmatrix}$ | 20.0 |
|        |       | $26.0 \begin{smallmatrix} 0 \\ -1.0 \end{smallmatrix}$  | $21.2 \begin{smallmatrix} +0.8 \\ 0 \end{smallmatrix}$ | $11.5 \begin{smallmatrix} 0 \\ -0.4 \end{smallmatrix}$ | $5.4 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ | $5.5 \begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | $8.15 \begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$  | $3.0 \begin{smallmatrix} +1.4 \\ 0 \end{smallmatrix}$ | 20.0 |
| G30/19 | I     | $30.8 \begin{smallmatrix} 0 \\ -1.6 \end{smallmatrix}$  | $24.6 \begin{smallmatrix} +1.5 \\ 0 \end{smallmatrix}$ | $13.7 \begin{smallmatrix} 0 \\ -0.9 \end{smallmatrix}$ | $5.2 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$ | $6.5 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ | $9.7 \begin{smallmatrix} 0 \\ -0.3 \end{smallmatrix}$   | $3.5 \begin{smallmatrix} +1.8 \\ 0 \end{smallmatrix}$ | 23.0 |
|        |       | $30.5 \begin{smallmatrix} 0 \\ -1.0 \end{smallmatrix}$  | $25.0 \begin{smallmatrix} +0.8 \\ 0 \end{smallmatrix}$ | $13.5 \begin{smallmatrix} 0 \\ -0.4 \end{smallmatrix}$ | $5.4 \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ | $6.5 \begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | $9.5 \begin{smallmatrix} 0 \\ -0.2 \end{smallmatrix}$   | $3.5 \begin{smallmatrix} +1.8 \\ 0 \end{smallmatrix}$ | 23.0 |
| G36/22 | I     | $36.5 \begin{smallmatrix} 0 \\ -1.9 \end{smallmatrix}$  | $29.5 \begin{smallmatrix} +1.8 \\ 0 \end{smallmatrix}$ | $16.3 \begin{smallmatrix} 0 \\ -0.9 \end{smallmatrix}$ | $5.2 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$ | $7.3 \begin{smallmatrix} +0.4 \\ 0 \end{smallmatrix}$ | $11.1 \begin{smallmatrix} 0 \\ -0.3 \end{smallmatrix}$  | $4.0 \begin{smallmatrix} +1.6 \\ 0 \end{smallmatrix}$ | 27.2 |
|        |       | $36.2 \begin{smallmatrix} 0 \\ -1.2x \end{smallmatrix}$ | $29.9 \begin{smallmatrix} +1.0 \\ 0 \end{smallmatrix}$ | $16.2 \begin{smallmatrix} 0 \\ -0.6 \end{smallmatrix}$ | $5.4 \begin{smallmatrix} +0.3 \\ 0 \end{smallmatrix}$ | $7.3 \begin{smallmatrix} +0.2 \\ 0 \end{smallmatrix}$ | $11.0 \begin{smallmatrix} 0 \\ -0.3 \end{smallmatrix}$  | $4.0 \begin{smallmatrix} +1.6 \\ 0 \end{smallmatrix}$ | 27.2 |

## POT CORES

$A_L$ -value(nH/N<sup>2</sup> min):1kHz,100Ts,25 °C

Core loss Pc (Watt max): 25kHz,200mT,100 °C

| Type   | Shape | Effective Parameter   |        |                      |                      | Material             |              |               | W(g/set) |
|--------|-------|-----------------------|--------|----------------------|----------------------|----------------------|--------------|---------------|----------|
|        |       | $C_1(\text{mm}^{-1})$ | le(mm) | Ae(mm <sup>2</sup> ) | Ve(mm <sup>3</sup> ) | JP3                  | JL2          | JH7           |          |
| G14/8  | I     | 0.800                 | 20.0   | 25.0                 | 500                  | Pc<br>A <sub>L</sub> |              | 1680<br>6000  | 3        |
| G18/11 | I     | 0.587                 | 25.8   | 43.3                 | 1120                 | Pc<br>A <sub>L</sub> | 0.19<br>2500 | 2370<br>7000  | 5.5      |
| G18/11 | II    | 0.587                 | 27.1   | 46.2                 | 1250                 | Pc<br>A <sub>L</sub> | 0.19<br>2500 | 2370<br>7000  | 7        |
| G22/13 | I     | 0.482                 | 31.8   | 63.2                 | 1990                 | Pc<br>A <sub>L</sub> | 0.37<br>3000 | 2900<br>8000  | 10       |
| G22/13 | II    | 0.482                 | 33.8   | 70.0                 | 2367                 | Pc<br>A <sub>L</sub> | 0.37<br>3000 | 2900<br>8000  | 13.5     |
| G26/16 | I     | 0.40                  | 37.6   | 93.9                 | 3460                 | Pc<br>A <sub>L</sub> | 5300         | 10000         | 20       |
| G30/19 | I     | 0.330                 | 45.0   | 136                  | 6100                 | Pc<br>A <sub>L</sub> | 1.22<br>6800 | 4200<br>15000 | 30       |
| G36/22 | I     | 0.260                 | 52.0   | 202                  | 10600                | Pc<br>A <sub>L</sub> | 8900         | 20000         | 53       |