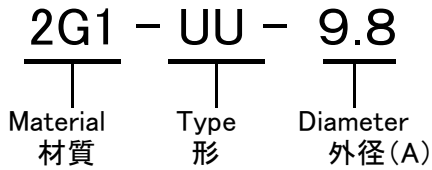
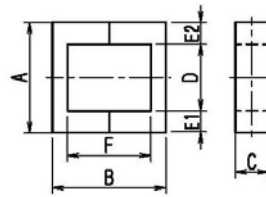


# UU,UI Type Cores

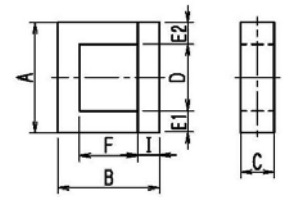
## Ordering Code 品名の構成



UU Type (Fig. 1)



UI Type (Fig. 2)



## Dimensions and Effective Parameter 寸法及び磁心の実効定数

| CORES<br>形名      | Dimensions (mm) 寸法                 |                                      |                                      |                                   |                                      |                                      |                                     |         | Effective Parameter 磁心の実効定数 |                       |         |                       |                       | Weight<br>重量<br>(g) | BOBBIN<br>Available | Fig. |
|------------------|------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|---------|-----------------------------|-----------------------|---------|-----------------------|-----------------------|---------------------|---------------------|------|
|                  | A                                  | B                                    | C                                    | D                                 | E1                                   | E2                                   | F                                   | I       | C1 (mm <sup>-1</sup> )      | Ae (mm <sup>2</sup> ) | le (mm) | Ve (mm <sup>3</sup> ) | Aw (mm <sup>2</sup> ) |                     |                     |      |
| UU-9.7X14.9      | 9.7±0.2                            | 14.9 <sup>+0.1</sup> <sub>-0.5</sub> | 2.7 <sup>+0.1</sup> <sub>-0.15</sub> | 4.3±0.3                           | 2.7 <sup>+0.1</sup> <sub>-0.15</sub> | 2.7 <sup>+0.1</sup> <sub>-0.15</sub> | 8.8 <sup>+0.1</sup> <sub>-0.5</sub> | —       | 4.57                        | 7.61                  | 34.8    | 264                   | 36.9                  | 1.3                 |                     | 1    |
| UU-9.8           | 9.8±0.2                            | 14.2±0.2                             | 2.7±0.2                              | 4.2±0.2                           | 2.8±0.1                              | 2.8±0.1                              | 8.4±0.3                             | —       | 4.46                        | 7.65                  | 34.2    | 261                   | 35.3                  | 1.3                 | 4P                  | 1    |
| UU-10.5X15.6X5.3 | 10.5±0.3                           | 15.6±0.4                             | 5.3±0.15                             | 5.5±0.3                           | 2.5±0.1                              | 2.5±0.1                              | 10.6±0.3                            | —       | 3.02                        | 13.3                  | 40.0    | 531                   | 58.3                  | 2.6                 | 4P                  | 1    |
| UU-11            | 11.0 <sup>+0</sup> <sub>-0.6</sub> | 16.2 <sup>+0</sup> <sub>-0.6</sub>   | 5.45±0.2                             | 5.5±0.2                           | 2.6±0.15                             | 2.6±0.15                             | 11.2 <sup>+0</sup> <sub>-0.2</sub>  | —       | 3.08                        | 13.4                  | 41.3    | 552                   | 62.7                  | 2.7                 |                     | 1    |
| UU-12X17.3       | 12.0±0.3                           | 17.3±0.2                             | 5.1±0.15                             | 6.25 min                          | 2.75±0.12                            | 2.75±0.12                            | 11.95±0.2                           | —       | 3.26                        | 13.9                  | 45.3    | 631                   | 77.6                  | 3.3                 | 4P                  | 1    |
| UU-15            | 15.2±0.7                           | 23.4 <sup>+0</sup> <sub>-2.0</sub>   | 6.7 <sup>+0</sup> <sub>-0.5</sub>    | 5.2±0.3                           | 5.0±0.2                              | 5.0±0.2                              | 11.4 <sup>+1</sup> <sub>-0.4</sub>  | —       | 1.55                        | 32.6                  | 50.5    | 1647                  | 62.9                  | 8.2                 |                     | 1    |
| UU-15.7          | 15.7±0.2                           | 19.6±0.3                             | 5.9±0.15                             | 6.7±0.2                           | 4.5±0.15                             | 4.5±0.15                             | 12.1±0.2                            | —       | 2.05                        | 24.5                  | 50.3    | 1232                  | 81.1                  | 6.3                 |                     | 1    |
| UU-15.7X19.7X6   | 15.7±0.3                           | 19.7±0.4                             | 6.0±0.2                              | 6.5 min                           | 4.5±0.15                             | 4.5±0.15                             | 12.0 <sup>+0</sup> <sub>-0.6</sub>  | —       | 2.04                        | 24.8                  | 50.5    | 1253                  | 82.4                  | 6.4                 |                     | 1    |
| UU-16            | 16.0±0.2                           | 20.0±0.4                             | 6.0±0.15                             | 7.0 <sup>+0</sup> <sub>-0.3</sub> | 4.575                                | 4.575                                | 12.0±0.3                            | —       | 1.97                        | 25.9                  | 51.0    | 1321                  | 82.2                  | 6.8                 |                     | 1    |
| UU-17            | 17.0±0.3                           | 33.2±0.4                             | 6.0 <sup>+0</sup> <sub>-0.2</sub>    | 8.0±0.2                           | 4.5±0.2                              | 4.5±0.2                              | 24.0 <sup>+0</sup> <sub>-0.6</sub>  | —       | 2.95                        | 26.7                  | 78.7    | 2099                  | 194                   | 10.3                |                     | 1    |
| UU-18X21.2       | 18.0±0.3                           | 21.2±0.3                             | 6.0 <sup>+0</sup> <sub>-0.2</sub>    | 10.0±0.2                          | 4.0±0.2                              | 4.0±0.2                              | 13.0 <sup>+0</sup> <sub>-0.4</sub>  | —       | 2.46                        | 24.0                  | 59.0    | 1415                  | 132                   | 7.1                 | 6P                  | 1    |
| UU-25            | 24.8±0.7                           | 39.0±1.0                             | 13.0 <sup>+0</sup> <sub>-0.5</sub>   | 8.2±0.3                           | 8.3±0.2                              | 8.3±0.2                              | 22.0 <sup>+1</sup> <sub>-0.9</sub>  | —       | 0.83                        | 105.6                 | 87.4    | 9230                  | 184                   | 47.8                |                     | 1    |
| UI-25X22.8X6.2   | 25.2±0.4                           | 22.8±0.4                             | 6.2±0.3                              | 12.8±0.3                          | 6.2±0.2                              | 6.2±0.2                              | 10.1±0.3                            | 6.5±0.2 | 1.68                        | 38.9                  | 65.5    | 2551                  | 129                   | 13.4                |                     | 2    |
| UI-25-35         | U:25.0±0.4<br>I:35.0±0.4           | 22.0±0.4                             | 6.0±0.2                              | 13.0±0.3                          | 6.0±0.2                              | 6.0±0.2                              | 10.0±0.2                            | 6.0±0.2 | 1.80                        | 36.0                  | 64.9    | 2335                  | 130                   | 13.1                |                     | 2    |

## Electrical Characteristics 電気的特性

| Cores<br>形名      | AL-Value (nH/N <sup>2</sup> ) |         |          |          |          |
|------------------|-------------------------------|---------|----------|----------|----------|
|                  | 2H1                           | 2E2D    | 2G1      | 2G4      | 2G8      |
| UU-9.7X14.9      | 2380min                       | 1575min | 1050±25% | 880±25%  |          |
| UU-9.8           | 2100min                       | 1540min | 1000±25% | 850±25%  | 600±25%  |
| UU-10.5X15.6X5.3 | 3360min                       | 2240min | 1400±25% | 1450±25% | 750±25%  |
| UU-11            |                               |         | 1850±25% |          | 1000±25% |
| UU-12X17.3       |                               | 2450min | 1600±25% | 1280±25% |          |
| UU-15            |                               | 4550min | 3600±25% |          | 1800±25% |
| UU-15.7          | 5040min                       | 4000min | 2600±25% | 1900±25% | 1450±25% |
| UU-15.7X19.7X6   |                               |         | 2600±25% |          |          |
| UU-16            | 5740min                       | 4000min | 2900±25% | 2500±25% | 1250±25% |
| UU-17            | 3500min                       | 2240min | 2150±25% |          | 890±25%  |
| UU-18X21.2       | 4200min                       |         |          | 1700±25% | 1200±25% |
| UU-25            |                               |         | 7600±25% |          |          |
| UI-25X22.8X6.2   |                               |         | 3200±25% |          | 1600±25% |
| UI-25-35         |                               |         |          |          | 1600±25% |