

## Leaded Series

### EE type

#### APPLICATIONS :

VCRs, Copy machines, Audio equipment, Game machines, TV sets, Microcomputer equipment, Communications control equipment, Printers, Terminals and etc.



#### ELECTRICAL CHARACTERISTICS

- ⊙ Operating Temperature range :  $-10^{\circ}\text{C} \sim +100^{\circ}\text{C}$
- ⊙ Storage temperature :  $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$
- ⊙ Switching frequency : 15KHz ~ 120KHz
- ⊙ Withstanding voltage: 1500/3750 Vac for 1 minute between primary & secondary.
- ⊙ Insulation resistance : 500Vdc 100M $\Omega$  min. between primary & secondary.
- ⊙ Heat resistance class : E( $120^{\circ}\text{C}$ )、B( $130^{\circ}\text{C}$ )、F( $155^{\circ}\text{C}$ )、H( $180^{\circ}\text{C}$ )

#### FEATURES

- ⊙ High flux density, permeability, low loss ferrite core.
- ⊙ High efficiency and low heat generation.
- ⊙ Designed to meet safety standards, such as UL, IEC and VDE.
- ⊙ Low cost.

#### STANDARD PRODUCTS

| Part No.    | Maximum external dimensions (mm) |      |      | Rated output power (W) max. |       |        | Core sectional area (mm <sup>2</sup> ) | No. of terminal |
|-------------|----------------------------------|------|------|-----------------------------|-------|--------|--|-----------------|
|             | W                                | D    | H    | 25KHz                       | 50KHz | 100KHz |  |                 |
| EE-10/11    | 10.5                             | 10.5 | 11.5 | -                           | 4.8   | 9.2    | 12.1                                   | 8               |
| EE-13       | 13.5                             | 13.0 | 12.5 | -                           | 9     | 16     | 17.1                                   | 10              |
| EE-16       | 18.0                             | 14.0 | 17.0 | -                           | 17    | 31     | 21.7                                   | 10              |
| EE-20/20/16 | 20.5                             | 17.0 | 17.0 | -                           | 21    | 39     | 31.0                                   | 6               |
| EE-25/19    | 26.0                             | 18.5 | 23.0 | -                           | 37    | 65     | 40.0                                   | 8               |
| EE-30/30/7  | 31.0                             | 26.0 | 29.0 | -                           | 73    | 118    | 109.0                                  | 12              |
| EE-42/42/15 | 46.0                             | 33.5 | 47.0 | -                           | 257   | 373    | 182.0                                  | 18              |

#### SHAPES AND DIMENSIONS

