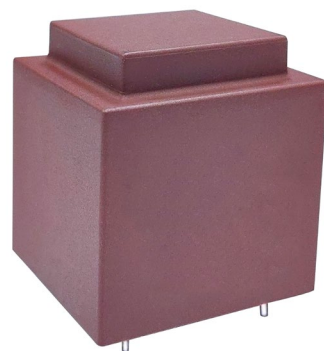
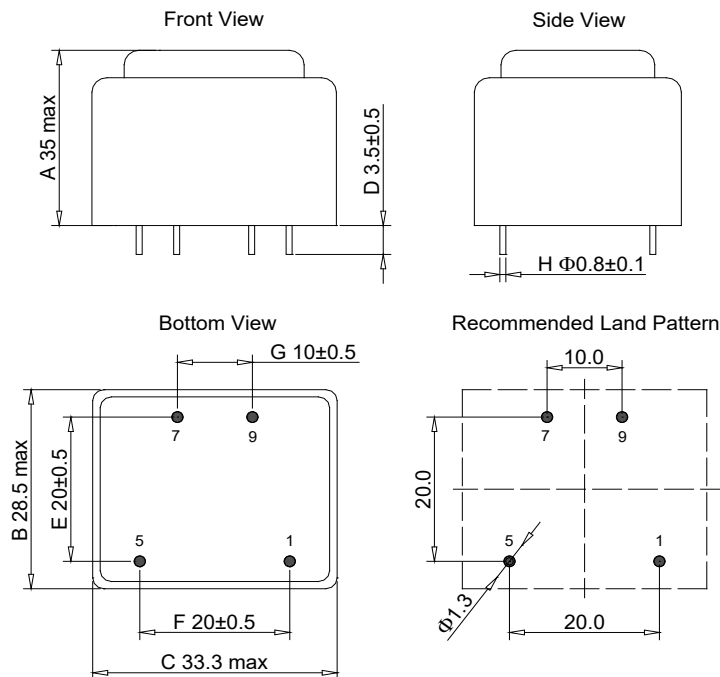
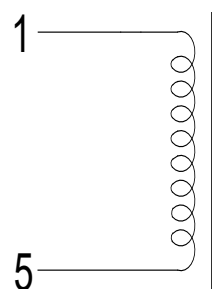


## Dimensions:[mm]



## Schematic



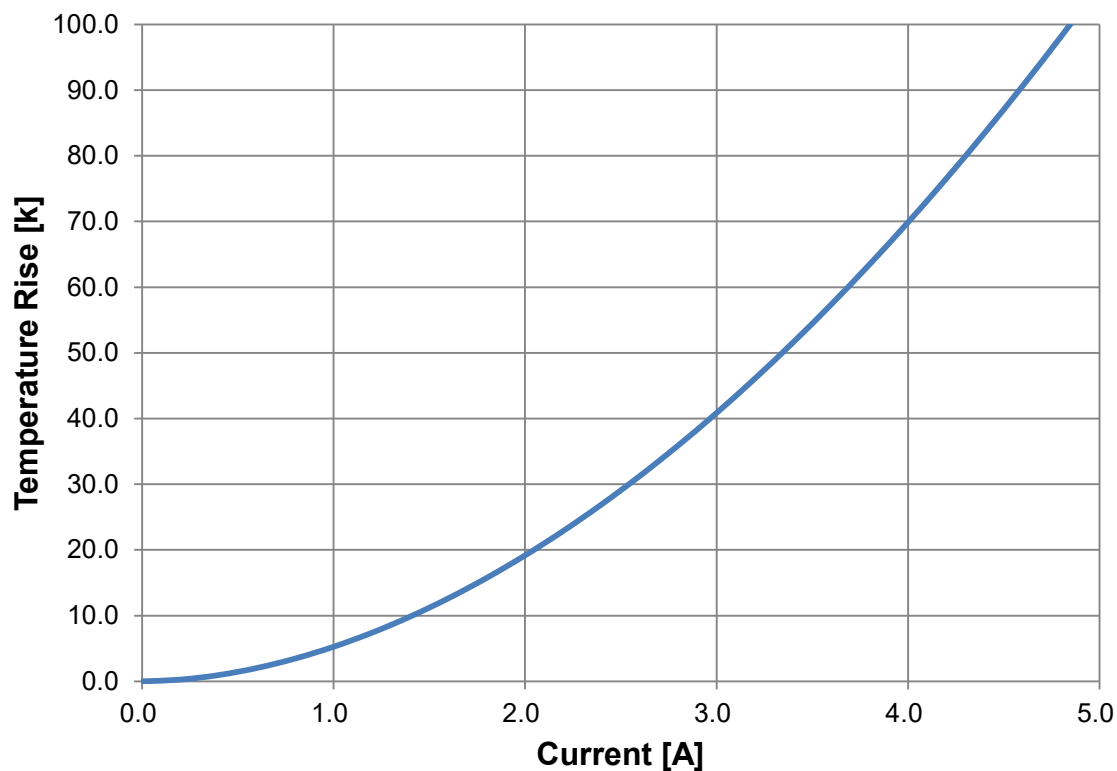
## Electrical Properties@25±2°C

| PROPERTIES            | TERMIANL  | SPECIFICATION | TEST CONDITION              |
|-----------------------|-----------|---------------|-----------------------------|
| Inductance            | 1--5      | 2.0mH±20%     | 1KHz,1.0V,SER               |
| DC Resistance         | 1--5      | 0.25Ω Max     | Ta=25°C                     |
| Insulation Resistance | Coil—Core | 100MΩ Min     | DC500V(Before Potting)      |
| Dielectric strength   | Coil—Core | 1000V         | 3mA/1S/50Hz(Before Potting) |

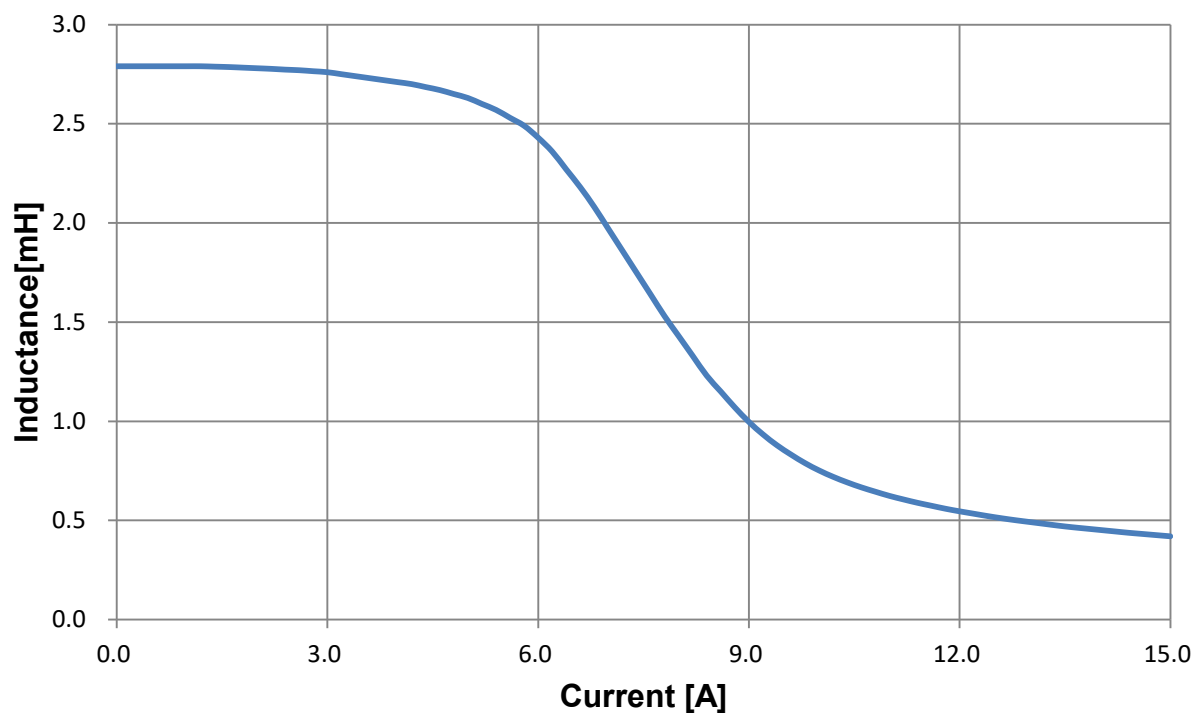
## GENERAL PROPERTIES:

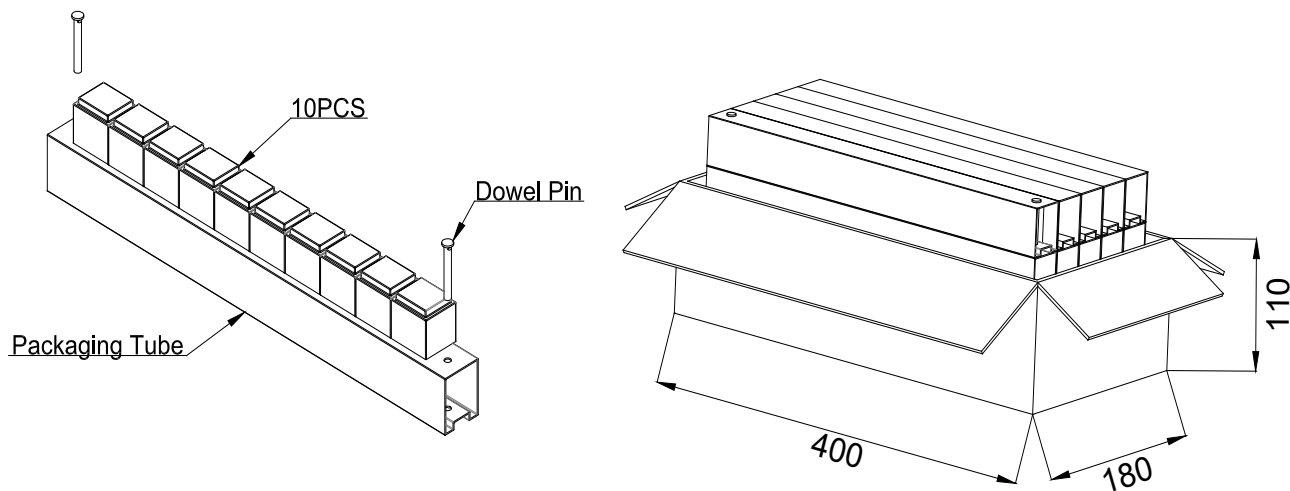
- Function : Reduces the harmonics of the input current(Power Factor Correction)
- Working Frequency: 50Hz/60Hz
- Operating temperature : -40℃~115℃(It is recommended that the temperature of the component does not exceed +125 °C under worst case conditions)
- Storage temperature: <40℃;75% RH(in original packaging)
- Rated Current: 3.0A (AC current (A) that will cause an approximate ΔT of 40 °C)
- RoHS Approval: Compliant directive 2011/65/EU
- REACH Approval: Conform or declared (EC)1907/2006

### Typical Temperature Rise vs. Current Characteristics



### Typical Inductance vs. Current Characteristics [Tested by DPG-10]



**Packaging Specification—Tube and Carton:[mm]**


| No. of Tube | No. of<br>Packaging Unit in<br>each Tube | Packaging Unit | Material of<br>Packaging Tube | Piece Weight (g) | Gross Weight<br>(kg) |
|-------------|------------------------------------------|----------------|-------------------------------|------------------|----------------------|
| pcs.        | pcs.                                     | pcs.           |                               | typ.             | typ.                 |
| 10=5*2      | 10                                       | 100            | PVC                           | 142              | 15                   |