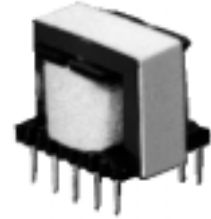
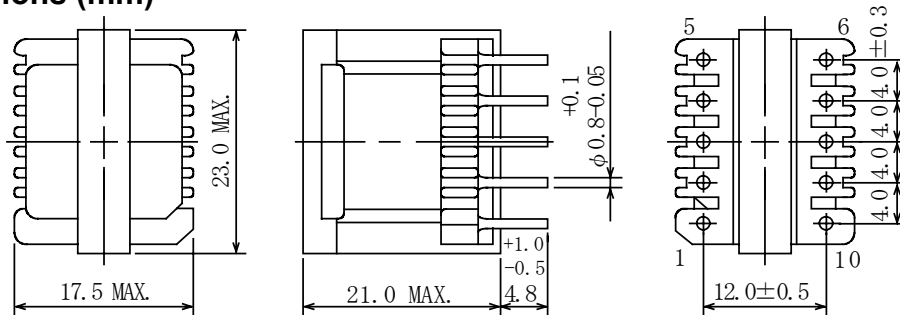
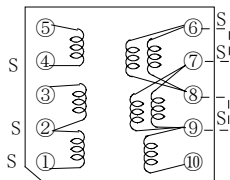


**Type: EI-22**
**◆ Product Description**

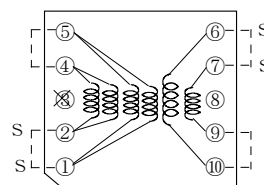
- 23.0×17.5mm Max.(L×W), 21.0mm Max. Height.
- Custom design is available.


**◆ Feature**

- Max. Operating frequency 300kHz. Max Operating Power 18.0W(300kHz),7.8W(100kHz).
- Ideally used in Switching regulator, EL inverter and Power Factor Correction choke.
- RoHS Compliance

**◆ Dimensions (mm)**

**◆ Schematics (Bottom)**
**1. For General Transformer**


"S" is winding start

**2. For PFC choke**


"S" is winding start

**◆ Specification (For General Transformer)**

| Sample No. | Inductance (1-3)<br>1kHz/1V | D.C.R. (6-8)<br>(mΩ Max.) | D.C.R. (7-9)<br>(mΩ Max.) | Hi-pot(1,2,3,4,5-6,7,8,9,10)<br>(50/60Hz) |
|------------|-----------------------------|---------------------------|---------------------------|---|
| 3389-T171  | 2.2mH ± 20%                 | 21                        | 22                        | AC1500Vrms/1min.                          |

**◆ Specification (For PFC choke)**

| Sample No. | Inductance (1,2-4,5)<br>1kHz/1V | D.C.R. (2-4)<br>(mΩ Max.) | Rated Current<br>(1,2-4,5) |
|------------|---------------------------------|---------------------------|----------------------------|
| 3389-T180  | 60μH ± 20%                      | 780                       | 4.0A                       |

※ Rated current: The DC current at which the inductance decreases to 90 % of it's initial value or when  $\Delta t=40^{\circ}\text{C}$ , whichever is lower( $T_a=20^{\circ}\text{C}$ ).