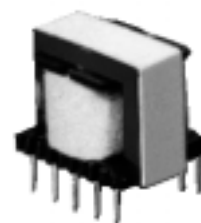


## Type: EI-22

### ◆ Product Description

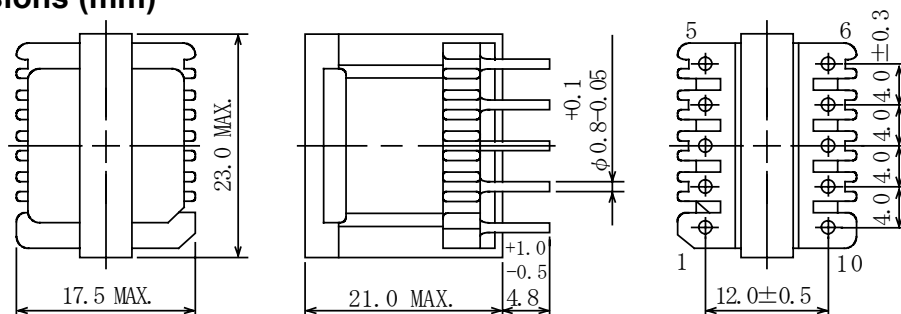
- 23.0×17.5mm Max.(L×W), 21.0mm Max. Height.
- Custom design is available.



### ◆ Feature

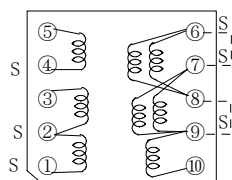
- Max. Operating frequency 300kHz. Max Operating Power 18.0W(300kHz),7.8W(100kHz).
- Ideally used in Switching regulator, EL inverter and Power Factor Correction choke.
- RoHS Compliance

### ◆ Dimensions (mm)



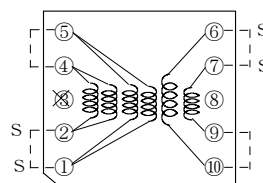
### ◆ Schematics (Bottom)

#### 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) 1kHz/1V	D.C.R. (6-8) (mΩ Max.)	D.C.R. (7-9) (mΩ Max.)	Hi-pot(1,2,3,4,5-6,7,8,9,10) (50/60Hz)
3389-T171	2.2mH ± 20%	21	22	AC1500Vrms/1min.

### ◆ Specification (For PFC choke)

Sample No.	Inductance (1,2-4,5) 1kHz/1V	D.C.R. (2-4) (mΩ Max.)	Rated Current (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( $T_a=20^{\circ}\text{C}$ ).