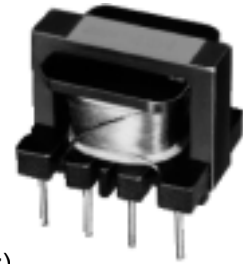


**Type: EI2520**

◆ **Product Description**

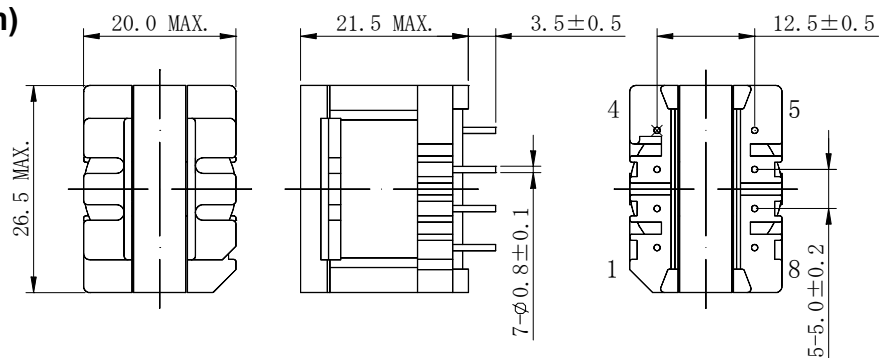
- 26.5mm × 20.0mm Max.(LxW), 21.5mm Max. (Height)
- Custom design is available.



◆ **Feature**

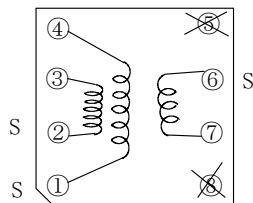
- Max. Operating frequency 300kHz, Max. Operating Power 38.0W(300kHz).
- Ideally used in Switching regulator, EL inverter and Power Factor Correction choke.
- RoHS Compliance

◆ **Dimensions (mm)**



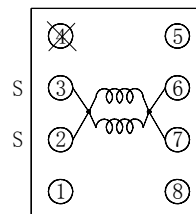
◆ **Schematics (Bottom)**

**1. For General Transformer use**



“S” indicates winding start.

**2. For PFC choke**



“S” indicates winding start.

◆ **Specification (For General Transformer)**

Sample No.	Inductance (6-7) 1kHz/1V	D.C.R. (6-7) (mΩ Max.)	Hi-pot Winding-winding (50/60Hz)
PS05-083	460μH ± 30%	450	AC 500Vrms/1min.

◆ **Specification (For PFC choke)**

Sample No.	Inductance (2-7) 1kHz/1V	Inductance(3-6) 1kHz/1V	D.C.R.(2,3-6,7) (mΩ Max.)	Rated Current (2,3-6,7)
PS05-322B	450 μ H ± 15%	450 μ H ± 15%	150	1.3 A

※ Rated current: The DC current at which the inductance decreases to 90 % of it's initial value or when Δt=40°C, whichever is lower(Ta=20°C).