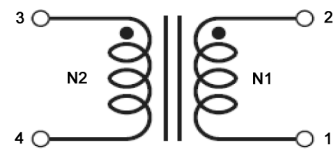


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Compliance: RohS II (2011/65/EU)

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			page 1/2
	drawn: D. Rauschert, 04.10.2017	<b>Transformer</b>	
	approved: J. Hansen, 04.10.2017		
	Part Number	<b>ICST15711000LHA61</b>	
date: modification, name			

**Specifications:**

Turns ratio: 500:1 (N1:N2)  
 Core-shape: EI19  
 Topology: Current Sense  
 Inductance (1 kHz, 0.25 V): N1 (pin 2-1): 150.0 mH min.  
 Output power: n.a.  
 Input current: 30 A rms max.  
 Input voltage range: 0-240 V AC  
 Output voltage range (max.): 4.0 V rms  
 (Burden resistor value must be selected to not exceed this voltage)  
 Operating frequency: 50 Hz to 400 Hz  
 Dielectric strength: 2.5 kV AC for 2 sec. (Pri to Sec)  
 1.25 kV AC for 2 sec. (line to core)  
 Stray inductance (200 kHz, 0.1 V): n.a.  
 Resistance per winding: N1: 21.0 Ohm max.  
 N2: 2.0 mOhm max.  
 Primary voltage-time-constant: n.a.  
 Operating temperature: -40°C to +120°C  
 Material: Bobbin: EI-19\*5, 2+2 PIN, Phenolic, UL94V-0, E59481, E54705, E41429  
 Core: Silicon steel sheet, EI19, Z11, 0.35 A or Equ  
 Wire: PU-enamelled copper, E201757, E344055, E221719  
 Insulation tape: Polyester, E165111, E17385  
 Varnish: E314793, E317427, E303754  
 Tin: Sn99.3Cu0.7 or Sn99Ag0.3Cu0.7

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