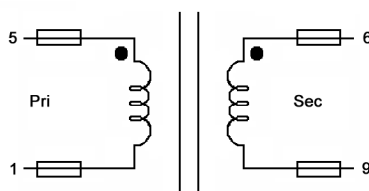
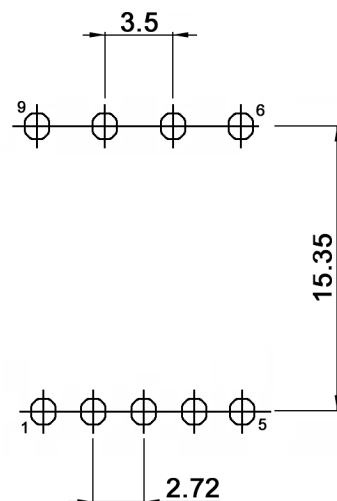


SCHEMATIC



P.C.B. LAYOUT



Specifications:

Turns ratio: 18.9:1 (Pri:Sec)
 Core-shape: EF12.6
 Topology: AC/DC Transformer
 Inductance (10.0 kHz, 0.1 V): Pri: 2.8 mH +/-10%
 Output power: 3 W (3.3 V - 6 V)
 Input voltage range: 120 - 385 V
 Operating frequency: n.a.
 Dielectric strength: 4.0 kV AC for 1 sec. (Pri to Sec)
 1.0 kV AC for 1 sec. (line to core)
 Stray inductance: 180.0 µH max.
 Resistance per winding: Pri: 8.0 Ohm max.
 Sec: 0.05 Ohm max.
 Primary voltage-time-constant: n.a.
 Operating temperature: -40°C to +125°C
 Material:

Bobbin: EF12.6, THT 4+5 PIN, Phenolic, UL94V-0, E59481, E54705
 Core: Ferrite EF12.6 P4/NH2B/TP4 or Equ
 Wire: PU-enamelled copper, E227046, E201757, E344055
 Wire: Triple insulated wire, E206440, E343241
 Insulation tape: Polyester, E165111, E17385
 Tube: Teflon, E338209
 Varnish: E314793, E317427
 Tin: Sn99.3Cu0.7 or Sn99Ag0.3Cu0.7
 Epoxy glue: E-500, E218090

Compliance: RohS II (2011/65/EU), IEC 61558-2-16 compliant based on design

tolerances	ICS	Product Data-sheet	2 04 17
			page 1/1
	drawn: D. Rauschert, 02.01.2018	Transformer	
	approved: C. Schmid, 02.01.2018		
	Part Number	ICST28511001LHK61	
date: modification, name			