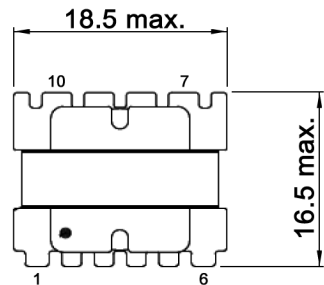
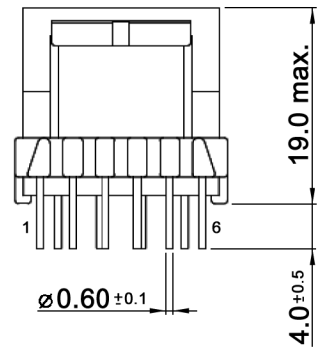
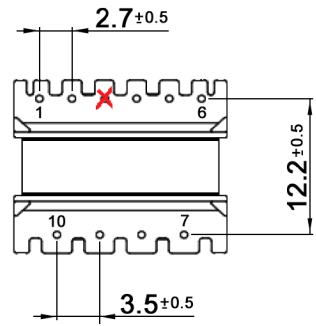
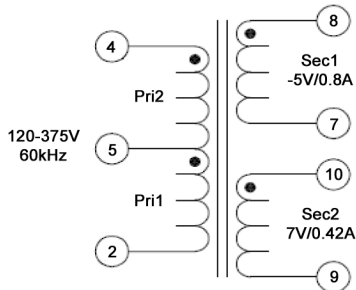


SCHEMATIC



Specifications:

Turns ratio: 14.23:1 (Pri:Sec1)
 10.27:1 (Pri:Sec2)
 1.151:1 (Pri1:Pri2)

Core-shape: EE16/7/5
 Topology: Flyback

Inductance (10 kHz, 0.1 V): Pri (pin 4-2): 2.50 mH +/-10%
 Output power: Sec1; 4W max. (-5.0 V / 800 mA)
 Sec2: 3 W max. (7.0 V / 420 mA)

Input voltage range: 120-375 V
 Operating frequency: 60 kHz
 Dielectric strength: 2.5 kV AC for 2 sec. (Pri to Sec)
 2.5 kV AC (line to core)

Stray inductance (100 kHz, 0.1 V): 84.0 µH max. (shorted other)

Resistance per winding: Pri: 5.6 Ohm max.
 Sec1: 40.0 mOhm max.
 Sec2: 118.0 mOhm max.

Primary voltage-time-constant: n.a.
 Operating temperature: -20°C to +120°C

Material: Bobbin: EE16 4+6 PIN Phenolic, UL94V-0, E59481, E54705, E41429
 Core: Ferrite EE16/7/5, P4, RM2.3K, NH2B, TP4 or equ.
 Wire: PU-enamelled copper, E201757, E344055, E221719
 Wire: Triple insulated wire, E206440, E213764, E236542
 Margin Tape: E165111, E17385
 Insulation Tape: Polyester, E165111, E17385
 Varnish: E314793, E317427, E303754
 Tube: Teflon, E338209, E175982
 Tin: Sn99.3Cu0.7 or Sn99Ag0.3Cu0.7

Compliance: RohS II (2011/65/EU)

tolerances	ICS	Product Data-sheet	2 05 37
			page 1/1
	drawn: D. Rauschert, 25.07.2018	Transformer	
	approved: C. Schmid, 25.07.2018		
	Part Number		
	ICST25512000LVK61		
date: modification, name			