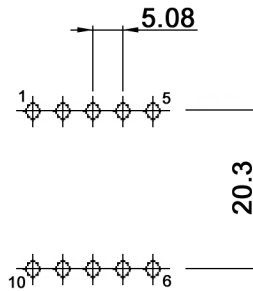
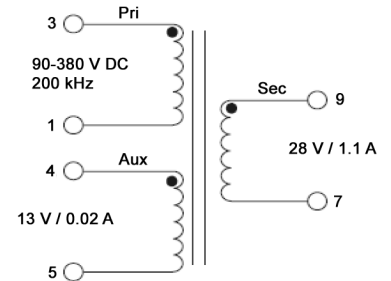


BOTTOM VIEW



SCHEMATIC



Specifications:

Turns ratio: 3.2:0.46:1.0 (Pri:Aux:Sec)
 Core-shape: EF25
 Topology: Flyback
 Inductance (10 kHz): Pri (pin 1-3): 380 μ H +/-10%
 Output power: 31 W
 Input voltage range: 90-380 V DC
 Operating frequency: n.a.
 Dielectric strenght: 3.0 kV AC for 2 sec. (Pri to Sec)
 1.0 kV AC for 2 sec. (line to core)
 Stray inductance: 11.0 μ H typ. (shorted other)
 Resistance per winding: Pri: 945 mOhm max.
 Aux: 85 mOhm max.
 Sec: 40 mOhm max.
 Primary voltage-time-constant: n.a.
 Operating temperature: -40°C to +120°C
 Material:

Bobbin: EF25 5+5 pin Phenolic, UL94V-0, E59481, E54705, E41429
 Core: Ferrite EF25 RM2.3K/P4/NH2B/TP4 or Equ
 Wire: PU-enamelled copper, Class F, E201757, E344055, E221719
 Wire: Triple insulated wire, E206440, E213764, E236542
 Insulation tape: Polyester tape, Kapton tape, E165111, E17385
 Tube: Teflon tube, E338209, E175982
 Varnish: Varnish, E314793, E317427, E303754
 Epoxy Glue: E-500, E218090
 Tin: Sn99.3Cu0.7 or Sn99Ag0.3Cu0.7

Compliance: RohS II (2011/65/EU)

tolerances	knitter-inductive	Product Data-sheet	2 02 79
	drawn: D. Rauschert, 22.03.2017	Transformer	
	approved: C. Schmid, 22.03.2017		
	Part Number		
	ICST38411100LHK61		
31.08.18, Input voltage, dr			
date: modification, name			