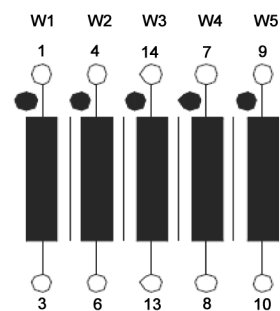


SCHEMATIC



Compliance: RohS II (2011/65/EU)

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			page 1/2
	drawn: D. Rauschert, 21.06.2018	Transformer	
	approved: C. Schmid, 21.06.2018		
	Part Number	ICST25514000LHM61	
05.09.18, Dimension, dr			
date: modification, name			

Specifications:

Turns ratio: 125:16:14:17:17 (W1:W2:W3:W4:W5)
 Core-shape: EF20
 Topology: Flyback
 Inductance (10 kHz, 0.05 V): W1: 2.5 mH +/-15%
 Output power: 12 VA
 Input voltage range: 90-265 V
 Output voltage: W2: 14 V, W3: 12 V, W4: 15 V, W5: 15 V
 Operating frequency: 60 kHz
 Dielectric strength: 3.75 kV AC for 2 sec. (Pri to Sec)
 1.0 kV AC for 2 sec. (line to core)
 Stray inductance (100 kHz, 0.1 V): n.a.
 Resistance per winding: W1: 4.37 Ohm max.
 W2: 0.644 Ohm max.
 W3: 0.127 Ohm max.
 W4: 0.305 Ohm max.
 W5: 0.328 Ohm max.
 Primary voltage-time-constant: n.a.
 Operating temperature: -40°C to +120°C
 Material: Bobbin: EF20, 6+8 PIN, Phenolic, UL94V-0, E59481, E41429
 Core: EF20, Ferrite, 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, E165111, E17385
 Tube: Teflon, E338209, E175982
 Varnish: E314793, E317427, E303754
 Tin: Sn99.3Cu0.7 or Sn99Ag0.3Cu0.7

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