



**Specifications:**

Turns ratio:	1:1:1:1:1:1 (W1:W2:W3:W4:W5:W6)
Core-shape:	ER14.5
Topology:	Flyback / Push-Pull / Step-Up / Step-Down / SEPIC / Forward convertor
Inductance (10 kHz, 1.0 V):	21.6 $\mu$ H +/-20 % (per winding)
Rated current:	0.95 A typ. (temperature rise 40°C)
Saturation Current (L=10% drop):	0.36 A typ.
Dielectric Strength:	0.5 kV AC for 2 sec. (winding to winding) 0.8 kV AC for 2 sec. (line to core)
Stray inductance (10 kHz, 1.0V):	0.17 $\mu$ H typ. (W1, all other shorted)
Resistance per winding:	159.0 mOhm max. (per winding)
Primary Voltage-Time-constant:	n.a.
Operating temperature:	-40 °C to +125 °C
Materials:	Bobbin: SMT, ER14.5, 6+6 PIN, PHENOLIC, UL94V-0, E59481, E41429, E54705 Core: Mn-Zn, Ferrite, ER14.5, RM2.3K/P4/NH2B/TP4 or equ. Wire: PU-enamelled copper, Class F, E201757, E344055, E221719 Insulation tape: Polyester, E165111, E17385 Varnish: E314793, E317427, E303754 Tin: Sn99.3Cu0.7 or Sn99Ag0.3Cu0.7

Compliance: RohS II (2011/65/EU)

tolerances	<b>knitter-inductive</b>	Product Data-sheet	<b>2 06 70</b>
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	drawn: D. Rauschert, 08/18	<b>Transformer</b>	
	approved: C.Schmid, 08/18		
	Part Number	<b>ICST21333000SHMT61</b>	
date: modification, name			