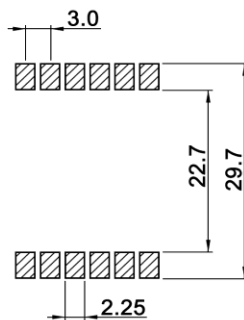
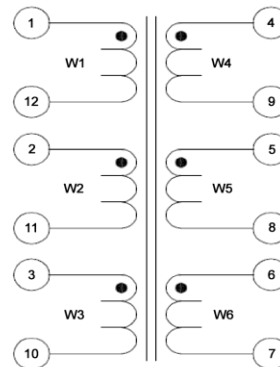


P.C.B. LAYOUT



SCHEMATIC



Specifications:

Turns ratio: 1:1:1:1:1:1 (W1:W2:W3:W4:W5:W6)
 Core-shape: EFD20
 Topology: Flyback / Push-Pull / Step-Up / Step-Down / SEPIC / Forward convertor
 Inductance (10 kHz, 1.0 V): 196 μ H +/-35% (per winding)
 Rated current: 1.70 A typ. (temperature rise 40°C max.)
 Saturation Current (L=10% drop): 0.02 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, 1.0 V): 0.24 μ H typ. (W1, all other shorted)
 Resistance per winding: 71.1 mOhm max. (per winding)
 Primary Voltage-Time-constant: n.a.
 Operating temperature: -40 °C to +125 °C
 Materials: Bobbin: SMT EFD20, 6+6 PIN, PHENOLIC, UL94V-0, E59481, E41429, E54705
 Core: Mn-Zn Ferrite, EFD20, 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 | knitter-inductive | Product Data-sheet | 2 06 86 |
| | | | page 1/1 |
| | drawn: D. Rauschert, 08/18 | Transformer | |
| | approved: C.Schmid, 08/18 | | |
| | Part Number | ICST19433000SHST61 | |
| | | | |
| date: modification, name | | | |