HanRun® Electronics Company Limited

HR021698

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 5000Vrms 1mA 3Sec (Pri to Sec)

Isolation: 1500Vrms 1mA 3Sec (Windings to Core)

Pin1,2–6,5 Inductance: 3.2 uH±10% @100KHz 0.1Vrms (Tie1+2, 5+6)

Pin1,2–6,5 Inductance: 10% Typ rolloff from initial @100KHz 0.1Vrms +10Adc

Pin1,2–6,5 Leakage Inductance: 0.30 uH Max. @100KHz 0.1Vrms

(Tie1+2, 5+6; Shorted Sec Windings)

Pin1,2–6,5 DC Resistance: 15.0 mohms Max.(Tie1+2, 5+6)

Pin7,8–12,11 DC Resistance: 5.0 mohms Max. (Tie7+8, 11+12)

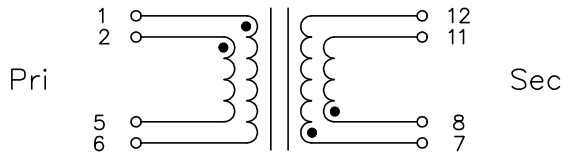
Turns Ratio: P1,2–6,5 : P7,8–12,11 = 1 : 0.5 @100KHz 0.1Vrms (Tie1+2, 5+6, 7+8, 11+12)

Input: 9~18V Output: 5.5V, 4.0A @150KHz

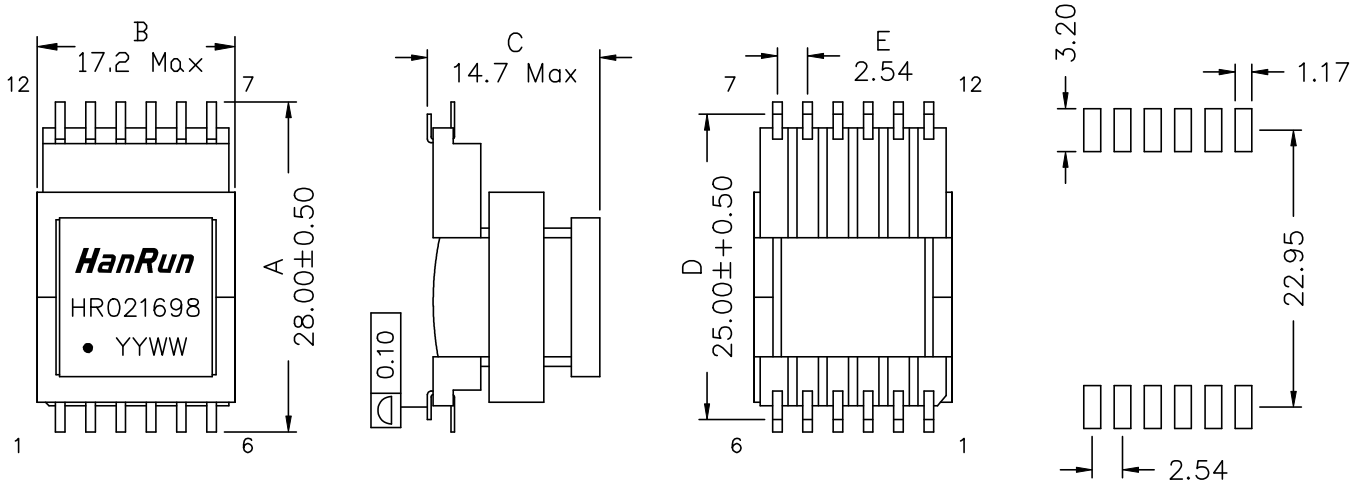
Operating Temperature: −40°C ~ +125°C

Application of the transformer allows for the leadwires between terminals 1&2, 5&6, 7&8 and 11&12, to solder bridge

Schematics



Mechanical Dimensions



(Top View) (Front View) (Bottom View) (Suggested PCB Layout)

Unless otherwise specified,
Tol.: .xx ± 0.25 (mm)

REV.: 02

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