

HR050701

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1500Vrms 1mA 3S (Pri & Aux to Sec)

Isolation: 500Vrms 1mA 3S (Pri to Aux, Windings to core)

Pin3-4 Inductance: 310.0 uH $\pm 10\%$ @250KHz 0.1Vrms

Pin3-4 Inductance: 279.0 uH Min. @250KHz 0.1Vrms With 0.3ADC

Pin3-4 Leakage Inductance: 4.5 uH Max. @250KHz 100mV (Shorted other windings)

Pin3-4 DC Resistance: 1.02 Ohms Max.

Pin2-1 DC Resistance: 2.01 Ohms Max.

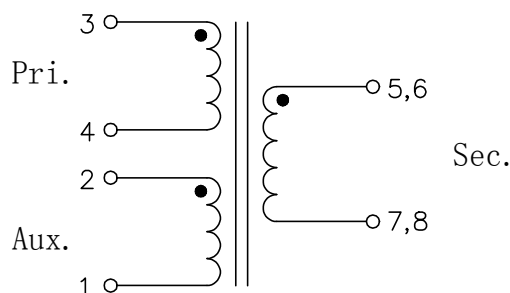
Pin5,6-7,8 DC Resistance: 118.0 mOhms Max. (Tie P5+6 ; P7+8)

Turns Ratio: P3-4 : P2-1 : P5,6-7,8 = 1 : 0.70 : 0.28 @100KHz 0.1Vrms (Tie P5+6 ; P7+8)

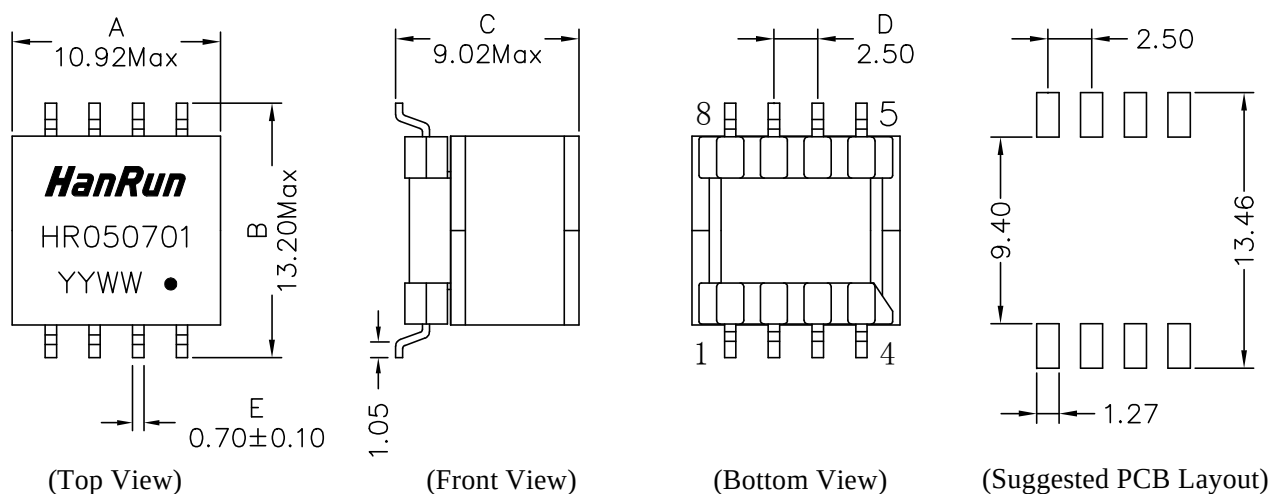
Input: 36~72V, Output: 5V, 0.6A @250KHz

Operating Temperature: -40°C ~ +85°C

Schematics



Mechanical Dimensions



Unless otherwise specified,
 Tol.: .xx $\pm$ 0.25 (mm)

REV.: 00

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