

HR050702

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: 5.0 uH Max. @250KHz 0.1Vrms (Shorted other windings)

Pin3-4 DC Resistance: 1.02 ohms Max.

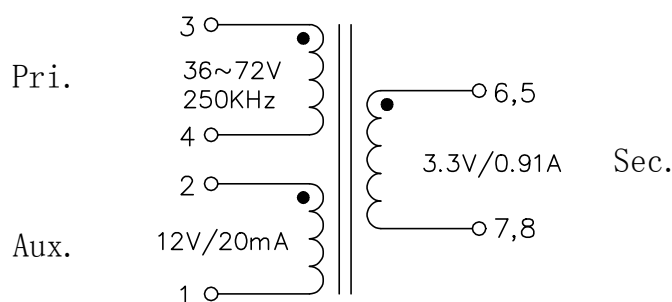
Pin2-1 DC Resistance: 2.01 ohms Max.

Pin5,6-7,8 DC Resistance: 66.0 mohms Max. (Tie P5+6 ; P7+8)

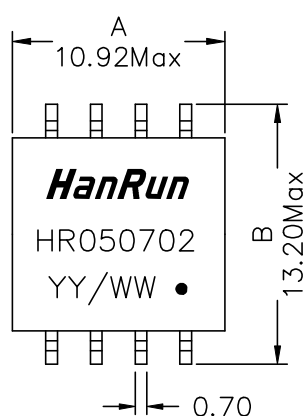
Turns Ratio: P3-4 : P2-1 : P5,6-7,8 = 1 : 0.70 : 0.19 @100KHz 0.1Vrms (Tie P5+6 ; P7+8)

Operating Temperature: -40°C ~ +85°C

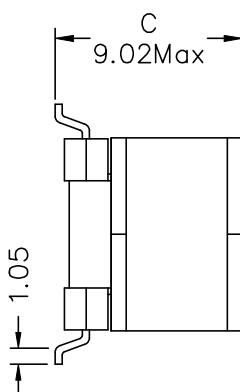
Schematics



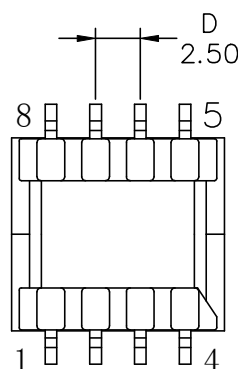
Mechanical Dimensions



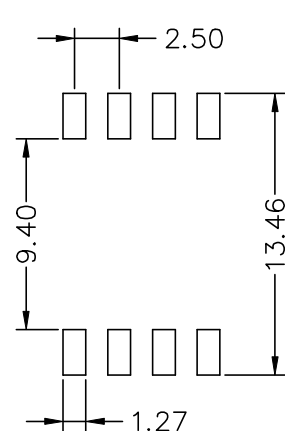
(Top View)



(Front View)



(Bottom View)



(Suggested PCB Layout)

REV.: 01

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

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