

HR050703

Electrical Specification @25°C

RoHS Compliant (Pb Free)

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

Isolation: 500Vrms (Pri to Aux, Windings to Core)

Turns Ratio: P3-4 : P2-1 : P6-8 = 1 : 0.70 : 0.70 (Tie 5+6 ; 7+8) @100KHz 0.1Vrms

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

Pin3-4 Inductance: 279.0 uH Min @250KHz 0.Vrms With 0.3Adc

Pin3-4 Leakage Inductance: 4.5 uH Maximum @250KHz 0.1Vrms (Shorted Sec Winding)

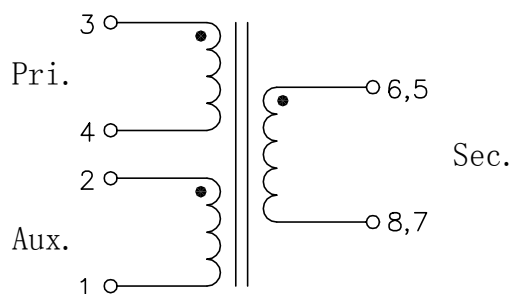
Pin3-4 DC Resistance: 1.04 Ohms Maximum

Pin2-1 DC Resistance: 2.01 Ohms Maximum

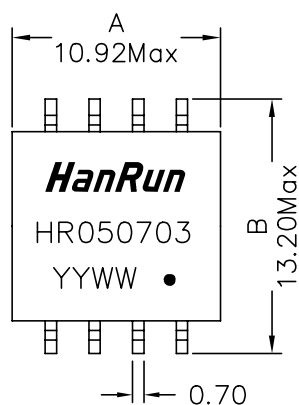
Pin6-8 DC Resistance: 700.0 mOhms Maximum (Tie P5-6 ; P7-8)

Operating Temp.: -40 to +85°C ; Storage Temp.: -40 to +85°C

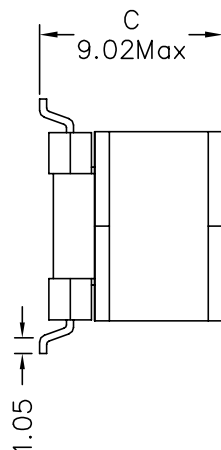
Schematics



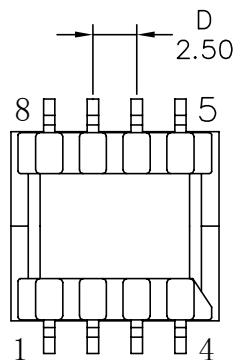
Mechanical Dimensions



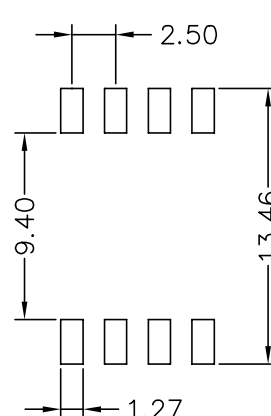
(Top View)



(Front View)



(Bottom View)



(Suggested PCB Layout)

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