

HR051141

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1500Vrms (Pri & Aux to Sec)

Turns Ratio: Pin3-4 : Pin2-1 : Pin7,8-9,10= 1 : 0.50 : 0.25 (Tie P8+7, P10+9)

Pin3-4 Inductance: 127 uH $\pm 10\%$ @250KHz 100mVrms

Pin3-4 Inductance: 114.3 uH Minimum @250KHz 100mVrms With 1.0Adc

Pin3-4 Leakage Inductance: 1.0 uH Maximum @250KHz 100mV (Shorted Other Winding)

Pin3-4 DC Resistance: 222 mohms Maximum

Pin2-1 DC Resistance: 348 mohms Maximum

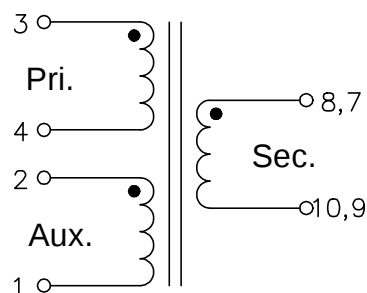
Pin8-10 DC Resistance: 39 mohms Maximum (Tie P8+7, P10+9)

Operates at 250KHz With 36~72Volts Input

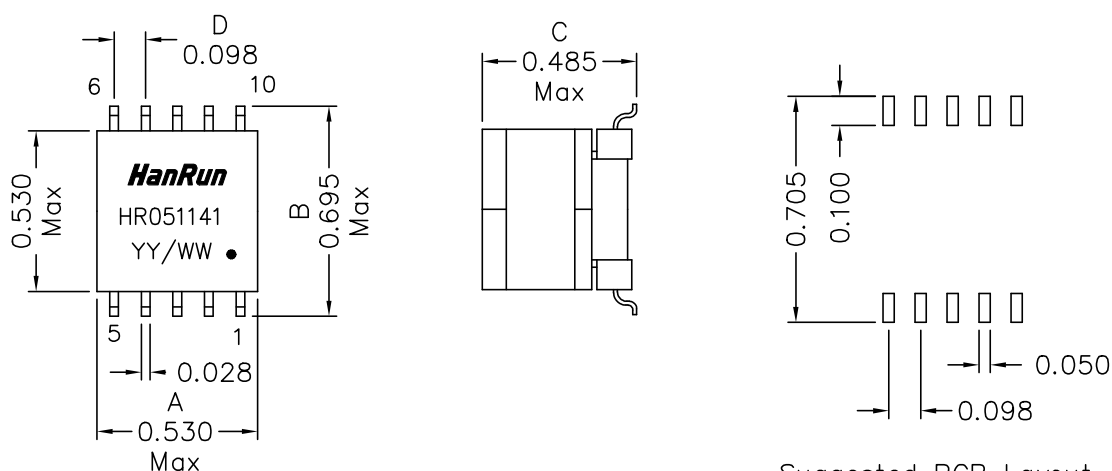
Power: 13W ; Output: 5V, 2.6A

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

Schematics



Mechanical Dimensions



Unless otherwise specified,
Tol.: .xxx $\pm$ 0.010(inches)

Suggested PCB Layout