

HR051141

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1500Vrms (Pri & Aux to Sec)

Turns Ratio: (PIN3-4) : (PIN2-1) : P(8-10)= 1 : 0.50 : 0.25 (Shorted P8+7, P10+9)

P3-4 Inductance: 127 μ H $\pm$ 10% @250KHz 100mVrms

P3-4 Inductance: 114.3 μ H Min @250KHz 100mVrms With 1.0Adc

P3-4 Leakage Inductance: 1.0 μ H Maximum @250KHz 100mV (Shorted Other Winding)

P3-4 DC Resistance: 222 mohms Maximum

P2-1 DC Resistance: 348 mOhms Maximum

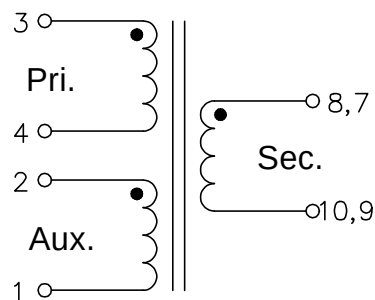
P8-10 DC Resistance: 39 mOhms Maximum (Shorted P8+7, P10+9)

Operates at 250KHz With 36~72Volts Input

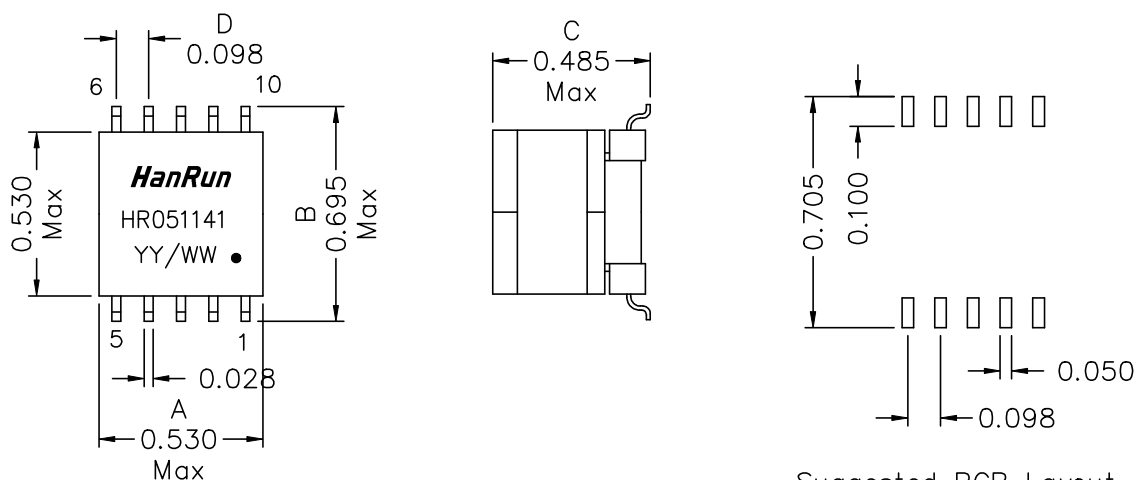
Power: 13W ; Output: 5V, 2.6A

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

Schematics



Mechanical Dimensions



Suggested PCB Layout

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