

HR102044

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)

Pin1,2-3,4 Inductance: 42.0 uH $\pm$ 10% @250KHz 0.7Vrms (Tie1+2, 3+4)

Pin1,2-3,4 Inductance: 37.8 uH Min @250KHz 0.7Vrms 2.6Adc (Tie1+2, 3+4)

Pin1,2-3,4 Leakage Inductance: 0.545 uH Max.

@250KHz 0.7Vrms (Tie1+2, 3+4, Shorted Other Windings)

Pin1,2-3,4 DC Resistance: 61.0 mohms Max. (Tie1+2, 3+4)

Pin12,11,10-7,8,9 DC Resistance: 15.0 mohms Max. (Tie7+8+9, 10,11,12)

Pin5-6 DC Resistance: 195.0 mohms Max.

Turns Ratio: @100kHz 0.7Vrms (Tie1+2, 3+4, 7+8+9, 10+11+12)

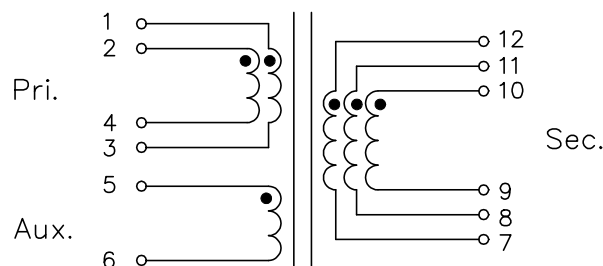
P1,2-3,4 : P5-6 : P12,11,10-7,8,9 = 21 : 7 : 7

Operates at 250KHz With 36~72Volts Input

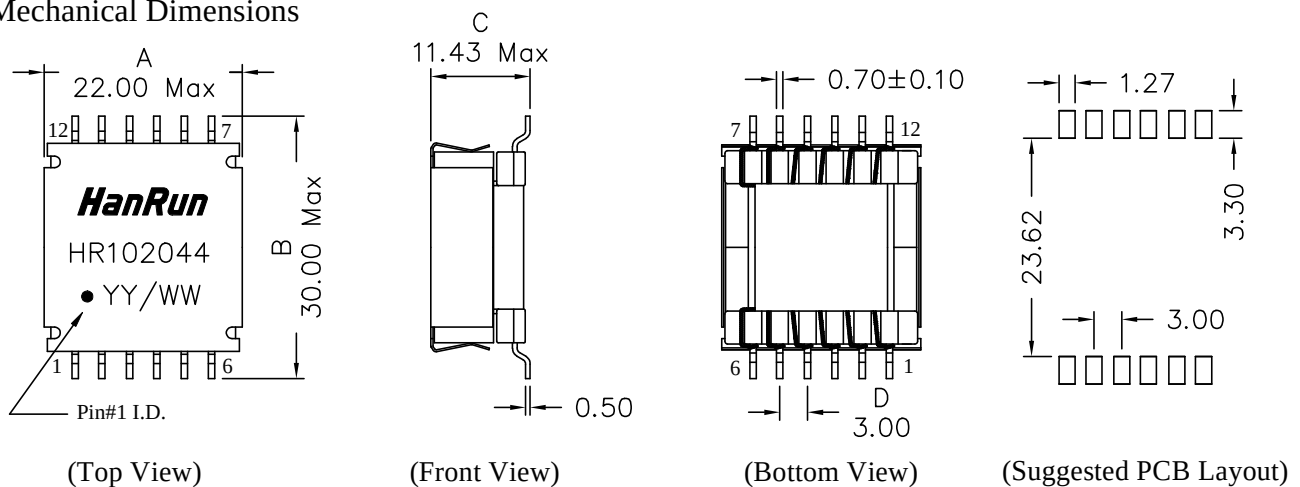
Power: 30W ; Output: 12V, 2.5A

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

Schematics



Mechanical Dimensions



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