

HR103053

Electrical Specification @25°C

RoHS Compliant (Pb Free)

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

Isolation: 600Vrms 1mA 3S (Pri. to Aux.; Windings to Core)

Pin1,2-3,4 Inductance: 25.0uH $\pm 10\%$ @100KHz 0.1Vrms (Tie1+2, 3+4)

Pin1,2-3,4 Leakage Inductance: 0.5 uH Max. @ Ls 100KHz 0.1Vrms
 (Tie1+2, 3+4; Shorted other Windings)

Pin1,2-3,4 DC Resistance: 50.0 mohms Max. (Tie1+2, 3+4)

Pin5-6 DC Resistance: 120.0 mohms Max.

Pin10,11,12-9,8,7 DC Resistance: 22.0 mohms Max. (Tie7+8+9, 10+11+12)

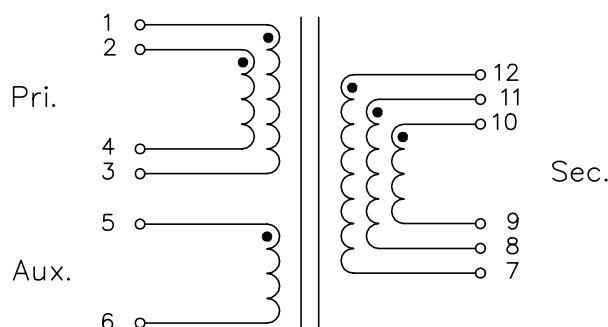
Turns Ratio: (Tie1+2, 3+4, 7+8+9, 10+11+12) @100KHz 0.1Vrms

P1,2-3,4 : P5-6 : P10,11,12-9,8,7 = 1 : 0.5 : 1

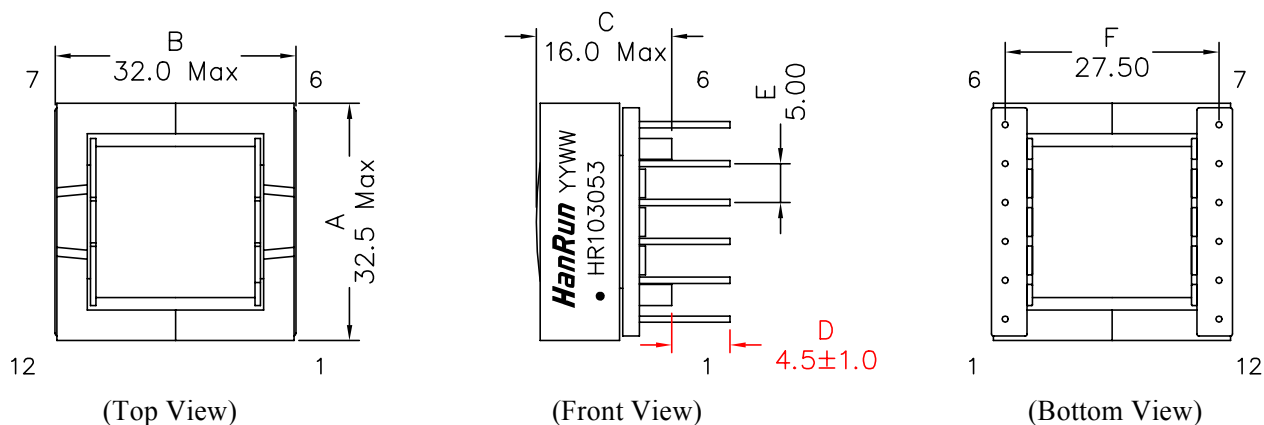
Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$; Storage Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Input: 36~72V, Output: 24V/3.75A, @350KHz

Schematics



Mechanical Dimensions



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