

HR103052

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: 45.0uH $\pm 10\%$ @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: 220.0 mohms Max.

Pin10,11,12-9,8,7 DC Resistance: 10.0 mohms Max. (Tie7+8+9, 10+11+12)

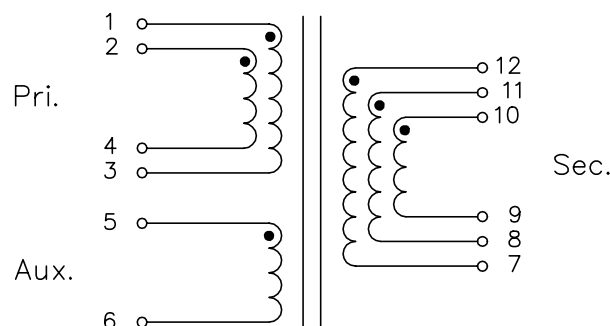
Turns Ratio: (Tie1+2, 3+4, 7+8+9, 10+11+12) @100KHz 0.1Vrms

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

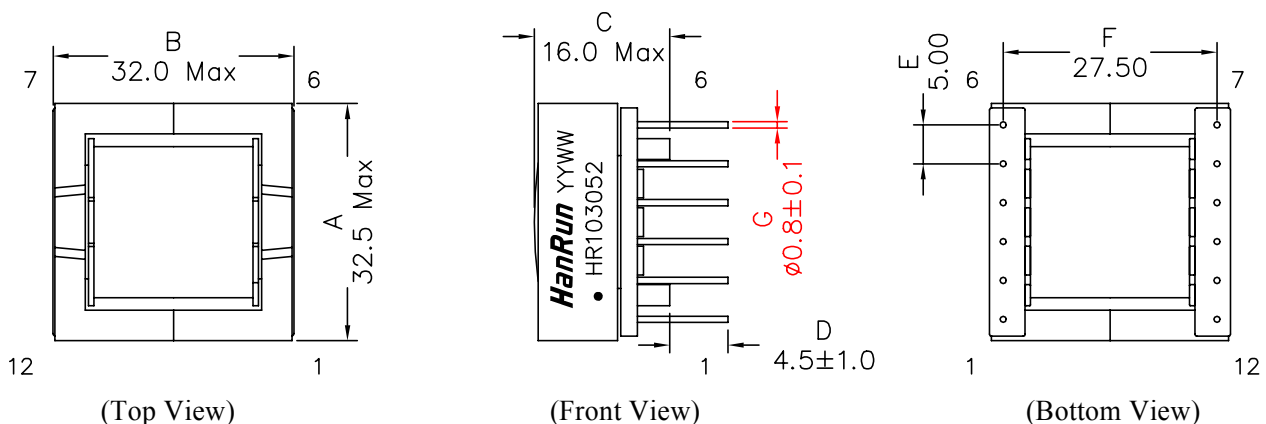
Input: 36~72V, Output: 12V/7.5A, 12V/0.1A @250KHz

Operation Temperature: -40°C ~ +85°C; Storage Temperature: -40°C ~ +85°C

Schematics



Mechanical Dimensions



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

REV.: 02

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