

HR102596

Electrical Specification @25°C

RoHS Compliant (Pb Free)

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

Isolation: 1000Vrms 1mA 3S (Pri. to Aux.; Windings to Core)

Pin1,2-3,4 Inductance: 30.0 uH $\pm$ 10% @100KHz 0.1Vrms (Tie P1+2, P3+4)

Pin1,2-3,4 Leakage Inductance: 1.0 uH Max. @100KHz 0.1Vrms

(Tie P1+2, P3+4, Shorted other Windings)

Pin1,2-3,4 DC Resistance: 55.0 mohms Maximum (Tie P1+2, P3+4)

Pin5-6 DC Resistance: 220.0 mohms Maximum

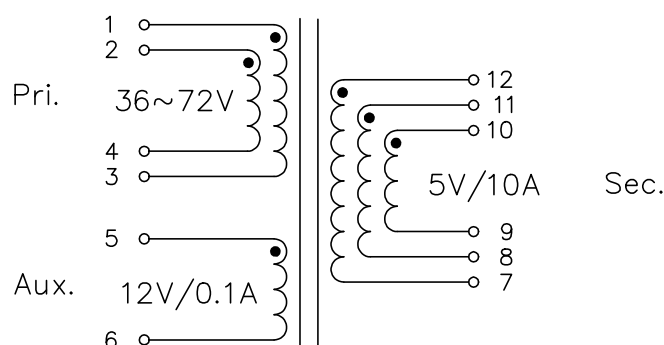
Pin10,11,12-9,8,7 DC Resistance: 5.0 mohms Maximum (Tie P7+8+9, P10+11+12)

Turns Ratio: (Tie P1+2, 3+4, 7+8+9, 10+11+12) @100kHz 0.1Vrms

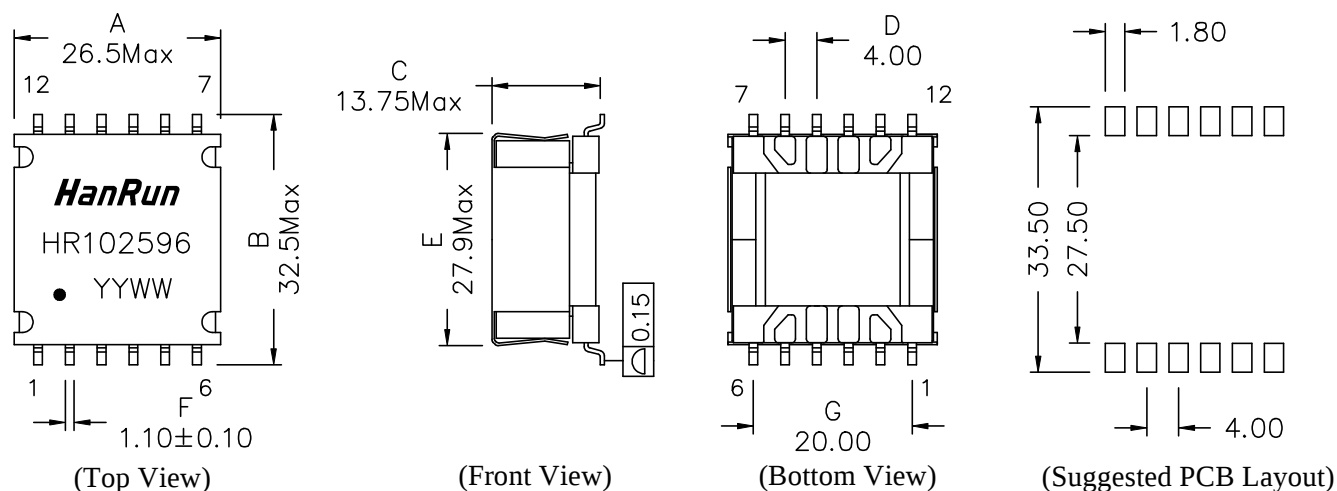
P1,2-3,4 : P5-6 : P10,11,12-9,8,7 = 15 : 6 : 3

Input: 36~72V Output: 5V/10A @250kHz

Schematics



Mechanical Dimensions



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