

HR102593

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1500Vrms 1mA 3S (Pri.&Aux. to Sec.) ; 1000Vrms 1mA 3S (Pri. to Aux.)

Isolation: 1000Vrms 1mA 3S (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

Pin11,12-9,10 DC Resistance: 75.0 mohms Maximum (Tie P9+10, P11+12)

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

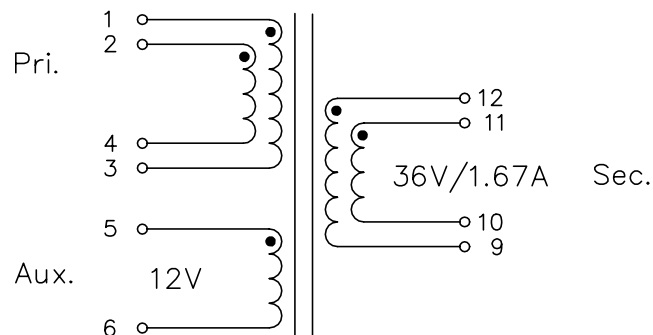
P1,2-3,4 : P5-6 : P11,12-9,10 = 15 : 6 : 18

Operating Frequency: 250KHz

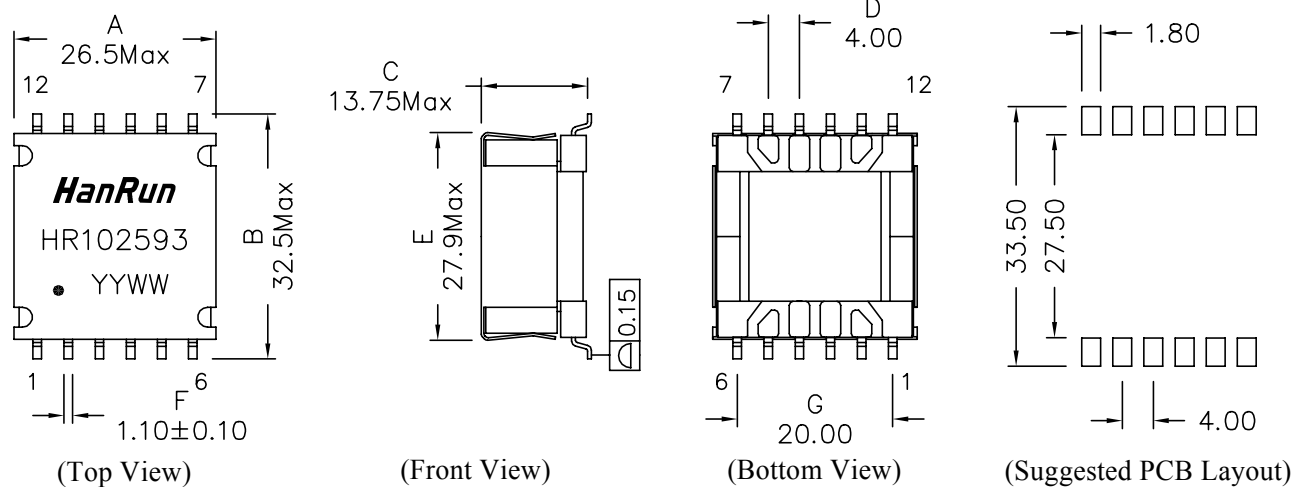
Input: 36~72V Output: 36V/1.67A

Operating Temperature: -40°C ~ +85°C

Schematics



Mechanical Dimensions



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