

HR102139

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1500Vrms 1mA 3S (Pri. to Sec.) ; 500Vrms 1mA 3S (Pri. to Aux.)

Isolation: 500Vrms 1mA 3S (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 +2.6A (Tie1+2, 3+4)

Pin1,2-3,4 Leakage Inductance: 0.31 uH Max. @250KHz 0.7Vrms (Tie1+2, 3+4; Shorted Sec.)

Pin1,2-3,4 DC Resistance: 60.0 mohms Maximum (Tie1+2, 3+4)

Pin12,11,10-7,8,9 DC Resistance: 55.0 mohms Maximum (Tie7+8+9, 10+11+12)

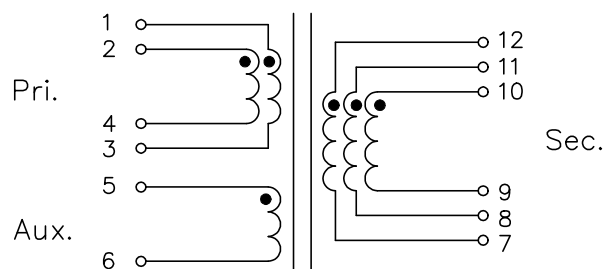
Pin5-6 DC Resistance: 195.0 mohms Maximum

Turns Ratio: P1,2-3,4 : P5-6 : P12,11,10-7,8,9 = 21 : 7 : 14 @100kHz 0.1Vrms

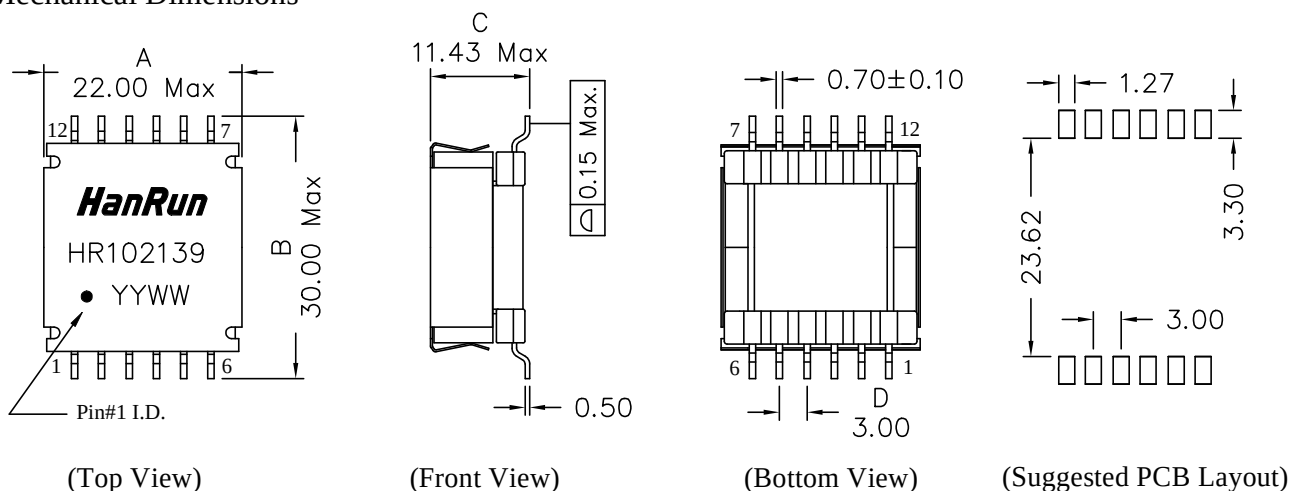
Operates at 250KHz With 36~72Volts Input

Input: 36~72V; Output: 24V/1.25A

Schematics



Mechanical Dimensions



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