

HR101609

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1500Vrms 1mA 60S (Pri & Bias to Sec)

Isolation: 500Vrms 1mA 60S (Windings to Windings), 500Vrms 1mA 60S (Windings to Core)

Pin3-5 Inductance: 150 μ H $\pm 10\%$ @100KHz 0.1Vrms

Pin3-5 Inductance: 135 μ H Min @100KHz 0.1Vrms +1.2Adc

Pin3-5 Leakage Inductance: 1.9 μ H Max @100KHz 0.1Vrms (Shorted P7+8+9+10+11+12)

Pin8-7 Leakage Inductance: 0.4 μ H Max @100KHz 0.1Vrms (Shorted 9+10+11+12)

Pin3-5 DC Resistane: 520 mohms Max

Pin2-1 DC Resistane: 880 mohms Max

Pin8-7 DC Resistane: 560 mohms Max

Pin11,12-10,9 DC Resistane: 27.5 mohms Max (Tie9+10, 11+12)

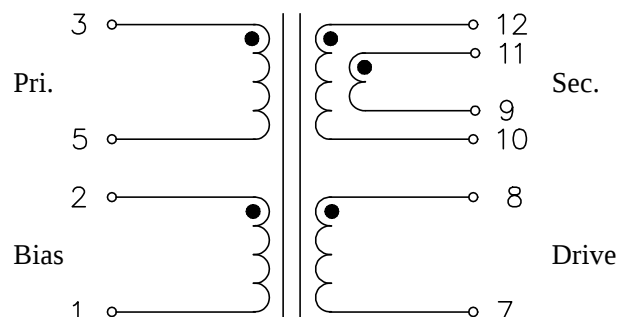
Turns Ratio: @100KHz 0.1Vrms

Pin3-5 : Pin11,12-10,9 : Pin8-7 : Pin2-1 = 1 : 0.25 : 0.31 : 0.44

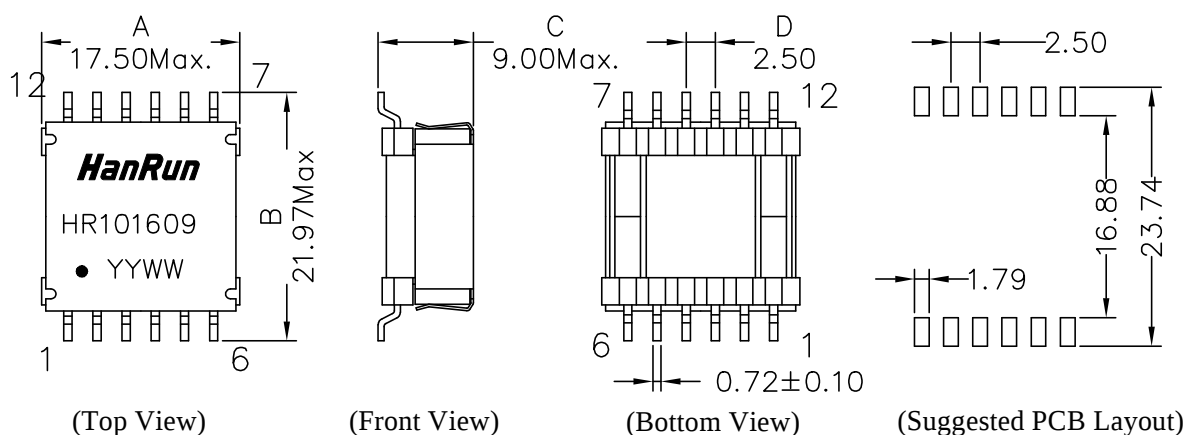
For TI TPS23753 PoE Interface and Coverter Controller

Output: 5V/2A

Schematics



Mechanical Dimensions



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