

HR101608

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: 166.5 uH $\pm 10\%$ @100KHz 0.1Vrms

Pin3-5 Inductance: 150 uH Min @100KHz 0.1Vrms +1.2Adc

Pin3-5 Leakage Inductance: 2.5 uH Max @100KHz 0.1Vrms (Shorted P7+8+9+10+11+12)

Pin8-7 Leakage Inductance: 0.45 uH Max @100KHz 0.1Vrms (Shorted 9+10+11+12)

Pin3-5 DC Resistane: 735 mohms Max

Pin2-1 DC Resistane: 985 mohms Max

Pin8-7 DC Resistane: 510 mohms Max

Pin11,12-10,9 DC Resistane: 22.5 mohms Max (Tie9+10, 11+12)

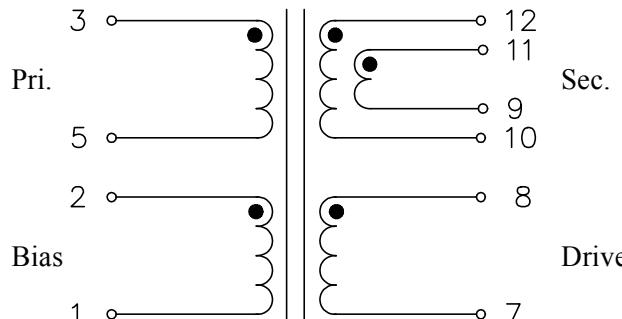
Turns Ratio: @100KHz 0.1Vrms

Pin3-5 : Pin11,12-10,9 : Pin8-7 : Pin2-1 = 1 : 0.154 : 0.27 : 0.5

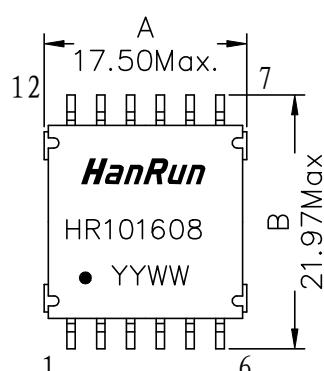
For TI TPS23753 PoE Interface and Coverter Controller

Output: 3.3V/3A

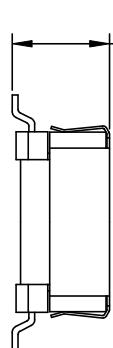
Schematics



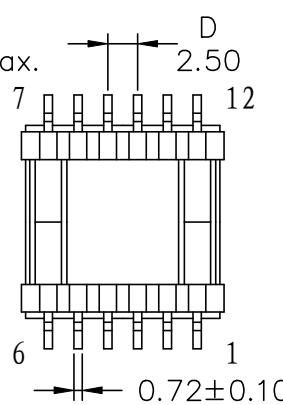
Mechanical Dimensions



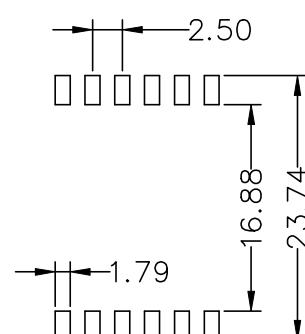
(Top View)



(Front View)



(Bottom View)



(Suggested PCB Layout)

Unless otherwise specified,
Tol.: .xx ± 0.25 (mm)