

HR050507

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 2000Vdc 0.5mA 60S (Pri. to Sec.); 1000Vdc 0.5mA 60S (Windings to Core)

Pin1-3 Inductance: 14.0 uH $\pm 10\%$ @100KHz 0.1Vrms

Pin1-3 Inductance: Drop 20% Typ @100KHz 0.1Vrms +0.9Adc

Pin1-3 Leakage Inductance: 0.30 uH Max. @100KHz 0.1Vrms

Pin1-3 DC Resistance: 235.0 mohms Max.

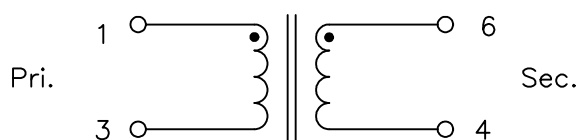
Pin6-4 DC Resistance: 210.0 mohms Max.

Turns ratio: Pin1-3 : Pin6-4 = 1 : 1.5 @100KHz, 0.1Vrms

Input: 8~42VDC, Output: 3.3~6VDC @250~500KHz

Operating Temperature: -40 ~ +125°C

Schematics



Mechanical Dimensions

