

HR081365

Electrical Specification @25°C

RoHS Compliant (Pb Free)

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

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

Pin1-3 Inductance: 41.0 uH $\pm 10\%$ @200KHz 0.1Vrms

Pin1-3 Inductance: 30% Max. rolloff from initial @200KHz 0.1Vrms +4.2A

Pin1-3 Leakage Inductance: 0.40 uH Max. @200KHz 0.1Vrms (Shorted other windings)

Pin1-3 DC Resistance: 62.0 mohms Max.

Pin4-5 DC Resistance: 85.0 mohms Max.

Pin9-6 DC Resistance: 23.0 mohms Max.

Pin10-7 DC Resistance: 23.0 mohms Max.

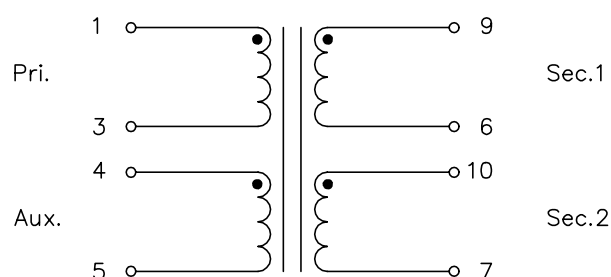
Turns Ratio: @100kHz 0.1Vrms

P1-3 : P4-5 : P9-6 : P10-7 = 1 : 0.375 : 0.375 : 0.375

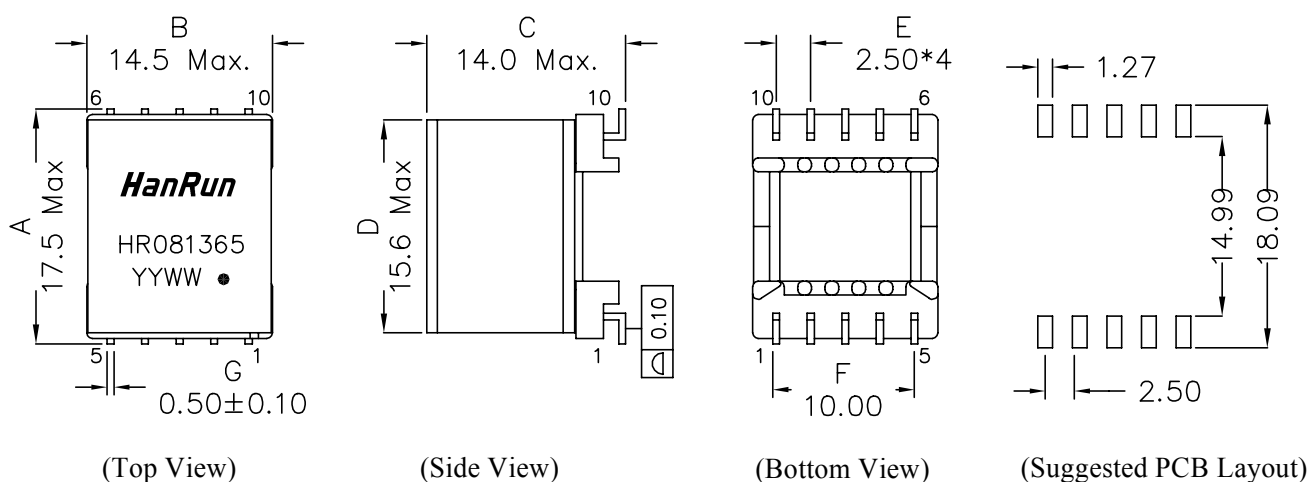
Input: 33-57V, Output: 12.0V, 1.5A*2 @200KHz

Operation Temperature: -40°C ~ +125°C Storage Temperature: -40°C ~ +85°C

Schematics



Mechanical Dimensions



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

REV.: 00

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