

HR081363

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: 48.0 uH ±10% @200KHz 0.1Vrms

Pin1-3 Inductance: 30% Max. rolloff from initial @200KHz 0.1Vrms +3.6A

Pin1-3 Leakage Inductance: 0.60 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: 10.0 mohms Max.

Pin10-7 DC Resistance: 10.0 mohms Max.

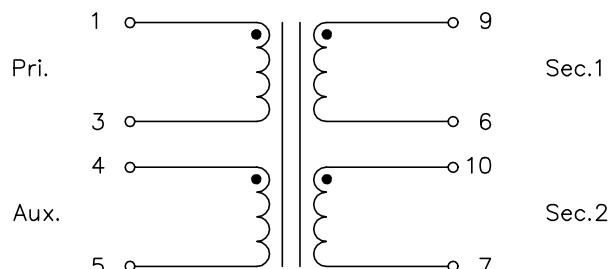
Turns Ratio: @100kHz 0.1Vrms

P1-3 : P4-5 : P9-6 : P10-7 = 1 : 0.375 : 0.188 : 0.188

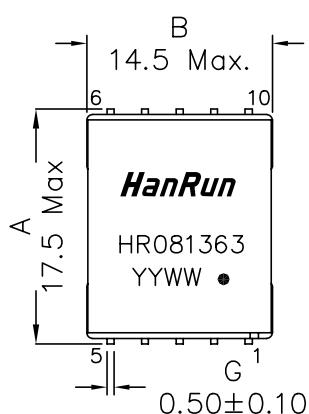
Input: 33-57V, Output: 5.0V, 3.0A*2 @200KHz

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

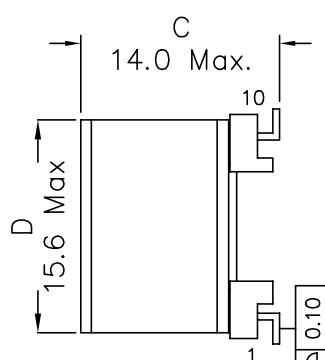
Schematics



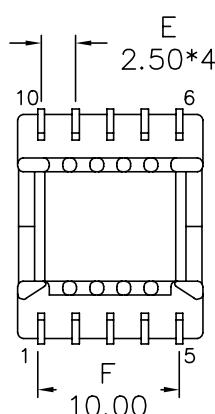
Mechanical Dimensions



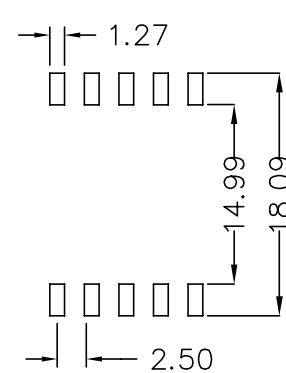
(Top View)



(Side View)



(Bottom View)



(Suggested PCB Layout)

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