

HR051571

Electrical Specification @25°C

RoHS Compliant (Pb Free)

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

Isolation: 600Vrms 1mA 60S (Pri. to Aux.; Windings to Core)

Pin4-1 Inductance: 160.0 uH $\pm 10\%$ @100KHz 0.1Vrms

Pin4-1 Leakage Inductance: 2.0 uH Max. @100KHz 0.1 Vrms (Shorted Other Windings)

Pin4-1 DC Resistance: 340.0 mohms Max.

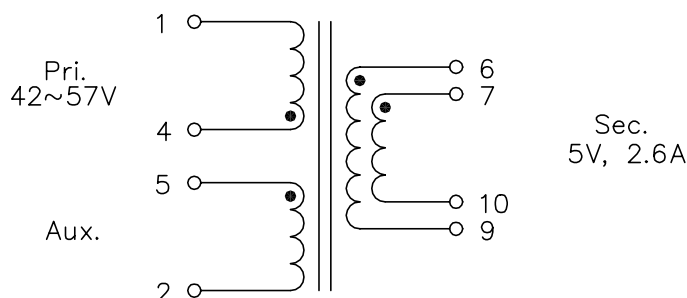
Pin5-2 DC Resistance: 450.0 mohms Max.

Pin6,7-9,10 DC Resistance: 10.0 mohms Max. (Tie 6+7, 9+10)

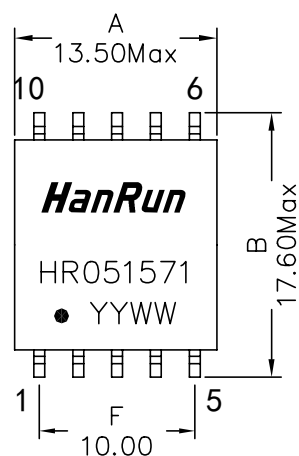
Turns Ratio: P4-1 : P5-2 : P6,7-9,10 = 39 : 15 : 5 @100KHz 0.1Vrms (Tie 6+7, 9+10)

Application of the transformer allows for the leadwires between terminals 6&7 and 9&10 to solder bridge

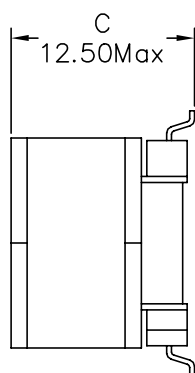
Schematics



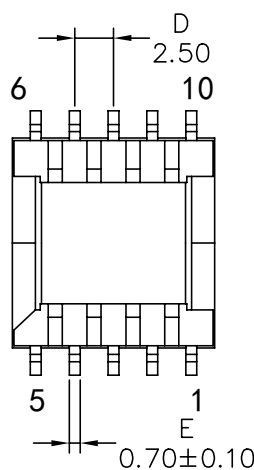
Mechanical Dimensions



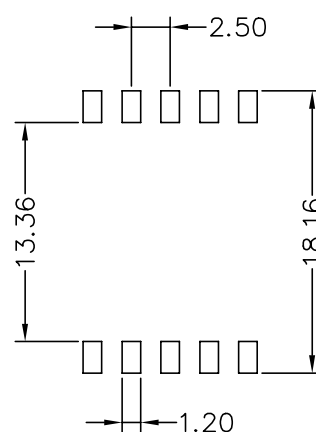
(Top View)



(Side View)



(Bottom View)



(Suggested PCB Layout)

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