

HR051182**Electrical Specification @25°C**

RoHS Compliant (Pb Free)

Isolation: 1500Vrms 60S 1mA (Pri & Aux to Sec); 500Vrms 3S 1mA (Pri to Aux)

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

Turns Ratio: P1-2 : P4-5 : P6,7-9,10 = 27 : 9 : 6

P1-2 Inductance: 100.0 uH ±10% @100KHz 100mVrms

P1-2 Inductance: 80.0 uH Min @100KHz 100mVrms 1.3ADC

P1-2 Leakage Inductance: 0.875 uH Maximum @100KHz 100mV (Shorted P6-7-9-10)

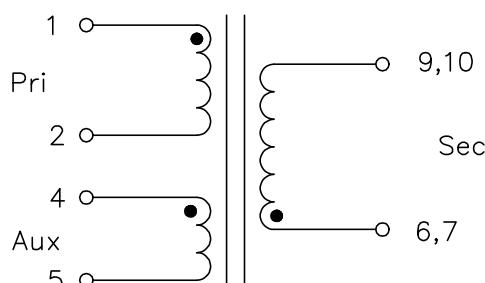
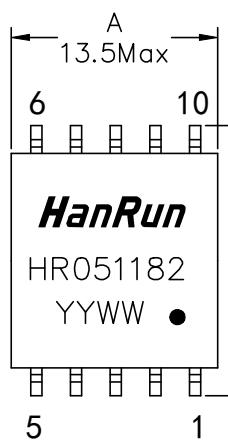
P1-2 DC Resistance: 210.0 mohms Maximum

P4-5 DC Resistance: 380.0 mohms Maximum

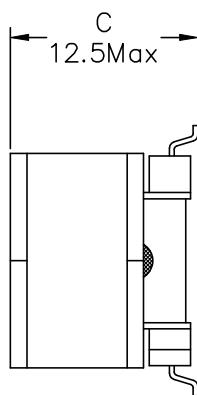
P6,7-9,10 DC Resistance: 9.0 mohms Maximum

Operating Temperature: -40°C ~ +85°C

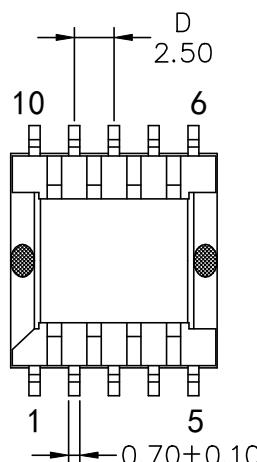
Input 33-57V Output 5V 4.5A

Schematics**Mechanical Dimensions**

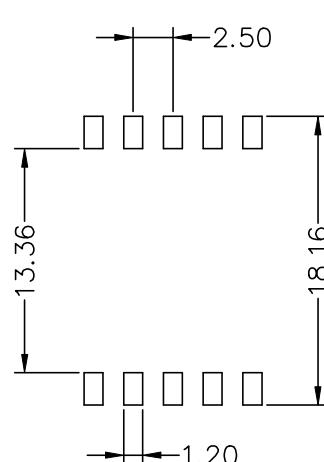
(Top View)



(Front View)



(Bottom View)



(Suggested PCB Layout)

Unless otherwise specified,

Tol.: .xx ± 0.25 (mm)

REV.: 00

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