

HR051058

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1500Vrms 1mA 3S (Pri. & Aux. to Sec.), 600Vrms 1mA 3S (Pri. to Aux.)

Isolation: 600Vrms 1mA 3S (Windings to Core)

Turns Ratio: P2-1 : P4-3 : P7,8-5,6 = 1 : 0.667 : 0.667 @100KHz 0.1Vrms (Tie5+6, 7+8)

Pin2-1 Inductance: 155.0 uH ±10% @250KHz 0.1Vrms

Pin2-1 Inductance: 139.5 uH Min @250KHz 0.1Vrms +0.65A

Pin2-1 Leakage Inductance: 2.0uH Max. @250KHz 0.1Vrms (Shorted other windings)

Pin2-1 DC Resistance: 414.0 mohms Maximum

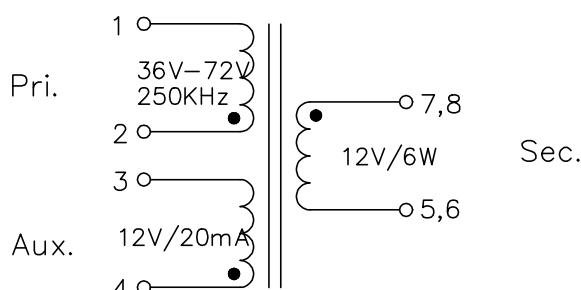
Pin4-3 DC Resistance: 822.0 mohms Maximum

Pin7,8-5,6 DC Resistance: 343.0 mohms Maximum (Tie5+6, 7+8)

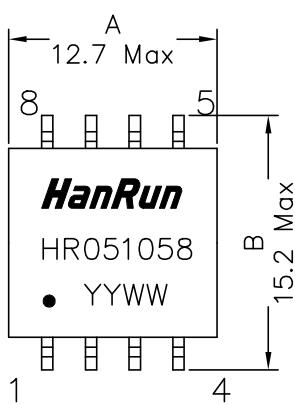
Input: 36~72V Output: 12V 6W

Operating Temperature: -40°C ~ +85°C

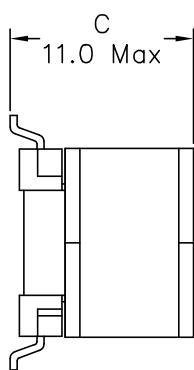
Schematics



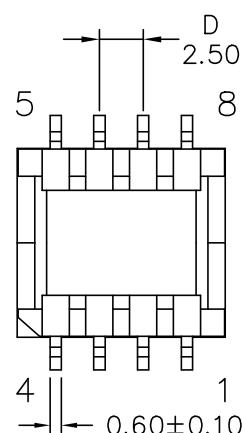
Mechanical Dimensions



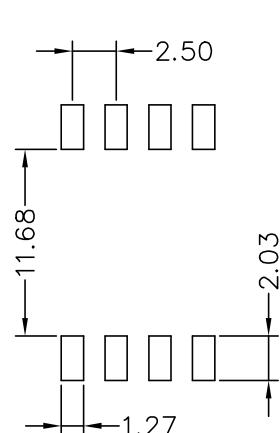
(Top View)



(Front View)



(Bottom View)



(Suggested PCB Layout)

Unless otherwise specified,

Tol.: .xx ± 0.25 (mm)

REV.: 00

1 of 1

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