

HR102314A

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 2500Vrms 1mA 60S (Pri. & Aux. to Sec.)

Isolation: 1800Vrms 1mA 60S (Sec.2 to Sec.1; Sec.2 to Core)

Isolation: 1000Vrms 1mA 60S (Pri. to Aux.; Windings to Core)

Pin1-2 Inductance: 22.0 uH $\pm$ 10% @100KHz, 0.1Vrms

Pin1-2 Leakage Inductance: 1.0 uH Max. @100KHz 0.1Vrms (Shorted other windings)

Pin1-2 DC Resistance: 42.0 mohms Max.

Pin5-4 DC Resistance: 420.0 mohms Max.

Pin6-7 DC Resistance: 15.0 mohms Max.

Pin9-10 DC Resistance: 230.0 mohms Max.

Turns Ratio: P1-2 : P5-4 : P6-7 : P9-10 = 13 : 14 : 5 : 16 @100KHz 0.1Vrms

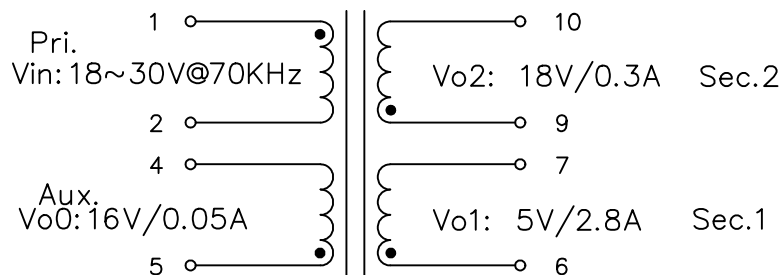
Insulation Resistance: 10G ohms Min @500VDC (Pri to Sec ; Windings to Core)

Input: 18-30V, Output: 5V/2.8A 18V/0.3A 16V/0.05A @70KHz

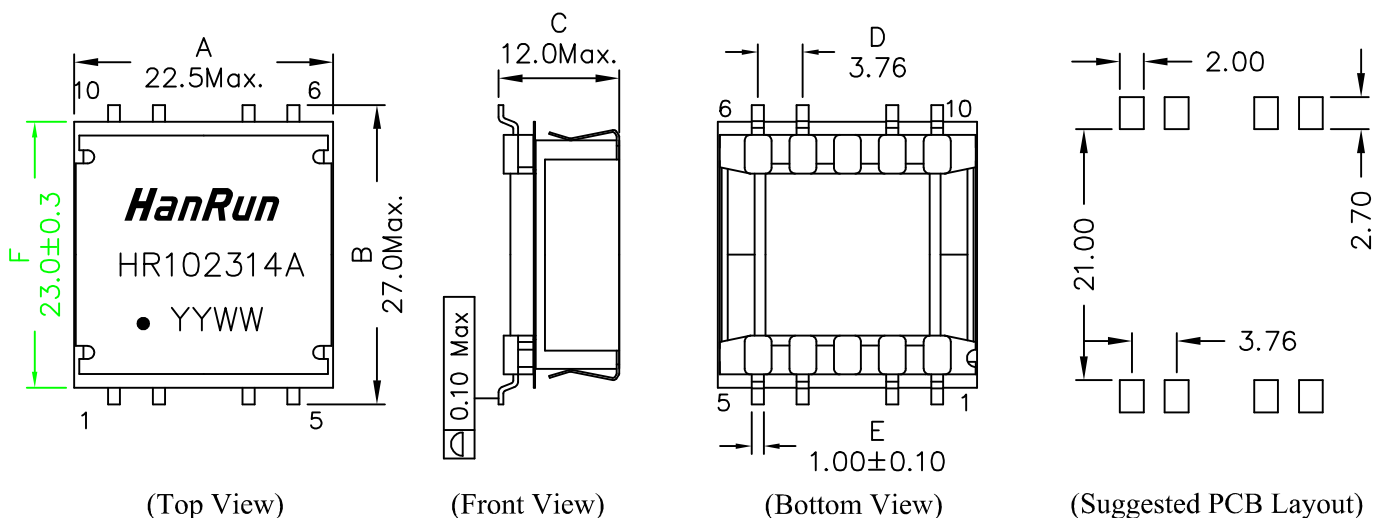
Operation Temperature: -40°C ~ +85°C Storage Temperature: -40°C ~ +85°C

Creepage Distance: > 3mm

Schematics



Mechanical Dimensions



Remark: Remove Pin#3, Pin#8

REV.: 03

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

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