

HR101803

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1800Vrms 1mA 60S (Winding to Winding)

Isolation: 1000Vrms 1mA 60S (Pin1-2 to Pin4-3 ; Windings to Core)

Pin1-2 Inductance: 100.0 uH $\pm$ 10% @10KHz 1Vrms

Pin1-2 Leakage Inductance: 1.5 uH Max. @10KHz 1Vrms (shorted other windings)

Pin1-2 DC Resistance: 0.20 ohms Max.

Pin4-3 DC Resistance: 0.87 ohms Max.

Pin8-7 DC Resistance: 2.80 ohms Max.

Pin9-10 DC Resistance: 3.25 ohms Max.

Pin12-13 DC Resistance: 3.15 ohms Max.

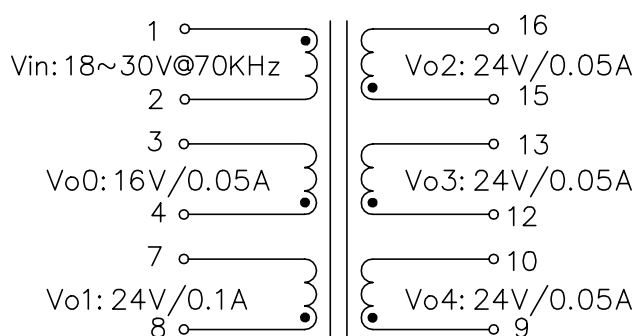
Pin15-16 DC Resistance: 3.00 ohms Max.

Turns Ratio: Pin1-2 : Pin4-3 : Pin8-7 : Pin9-10 : Pin12-13 : Pin15-16
 = 22 : 31 : 46 : 46 : 46 : 46

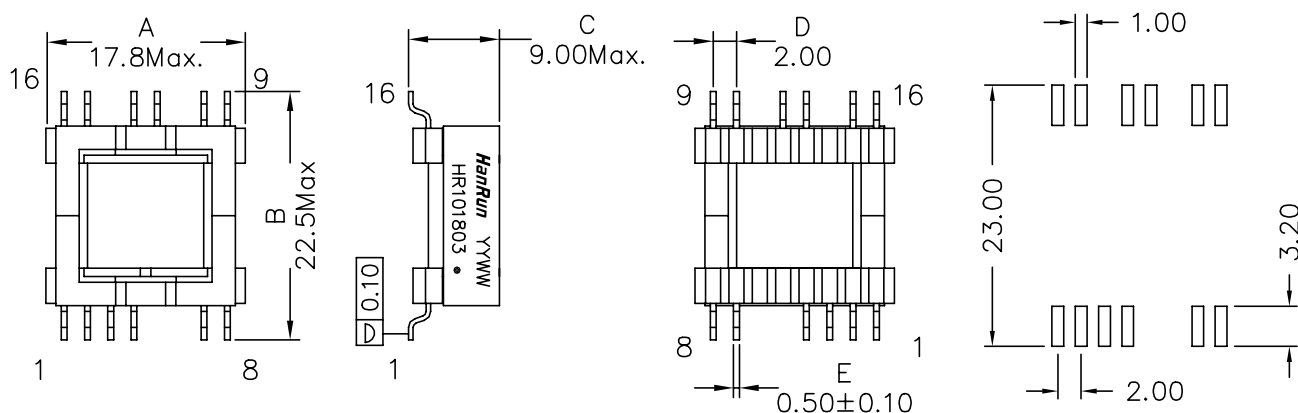
Pin1 ; 4 ; 6 ; 7 ; 8 ; 11 in phase

Input: 18-30V, Output: 16V/0.05A 24V/0.25A @70KHz

Schematics



Mechanical Dimensions



Pin missing : #5;#6;#11;#14

(Suggested PCB Layout)