

HR051484

Electrical Specification @25°C

RoHS Compliant (Pb Free)

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

Isolation: 500Vrms 1mA 3S (Pri to Aux; Windings to Core)

Turns Ratio: P1-2 : P4-5 : P6,7-9,10 = 1.8 : 1 : 2 @100KHz 0.1Vrms (Tie 6+7, 9+10)

Pin1-2 Inductance: 100.0 uH ±10% @100KHz 0.1Vrms

Pin1-2 Inductance: 80.0 uH Min. @100KHz 0.1Vrms 1.3ADC

Pin1-2 Leakage Inductance: 0.875 uH Max. @100KHz 0.1Vrms (Shorted P6-7-9-10)

Pin1-2 DC Resistance: 210.0 mohms Max.

Pin4-5 DC Resistance: 580.0 mohms Max.

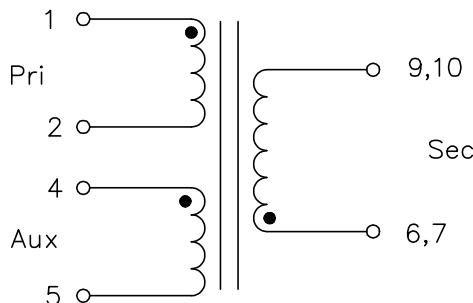
Pin6,7-9,10 DC Resistance: 120.0 mohms Max. (Tie 6+7, 9+10)

Operating Temperature: -40°C ~ +85°C

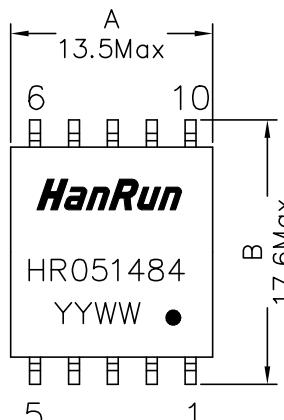
Input 33-57V Output 24.0V 1.25A

Power Transformer For Texas Instruments TPS23754 PD Controller

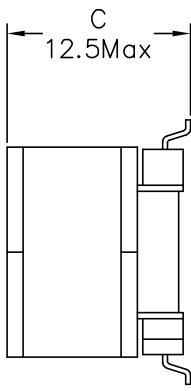
Schematics



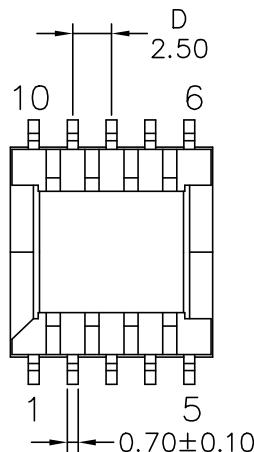
Mechanical Dimensions



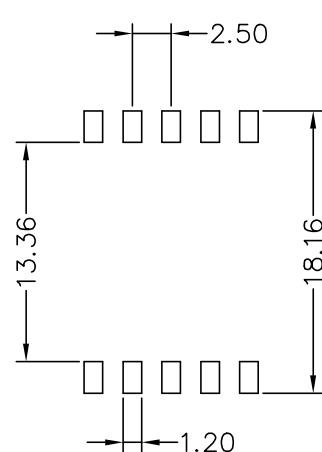
(Top View)



(Front View)



(Bottom View)



(Suggested PCB Layout)

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

REV.: 00

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