

HR051419

Electrical Specification @25°C

RoHS Compliant (Pb Free)

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

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

Turns Ratio: P2-1: P3-4: P10-7: P7-6 = 1 : 0.361 : 0.167 : 0.167 @100KHz 0.5Vrms

Pin2-1 Inductance: 180 uH ±10% @1KHz 0.5Vrms

Pin2-1 Inductance: 162 uH Minimum @1KHz 0.5Vrms +1.1Adc

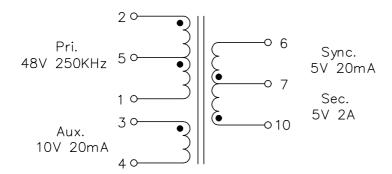
Pin2-1 Leakage Inductance: 3.0 uH Maximum @100KHz 0.5 Vrms (Shorted Other Windings)

Input(Pin2-1): 48V Output(Pin10-7): 5V/2A @250KHz

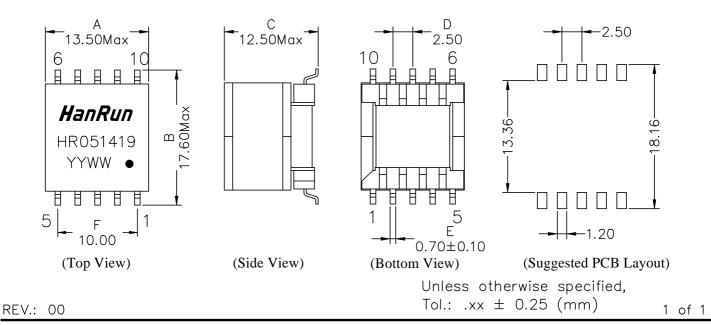
For Texas Instruments TPS23753A PoE Controller

Operating Temp.: -40 to $+85^{\circ}$ C; Storage Temp.: -40 to $+85^{\circ}$ C

Schematics



Mechanical Dimensions



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