

## 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  $\pm 10\%$  @1KHz 0.5Vrms

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

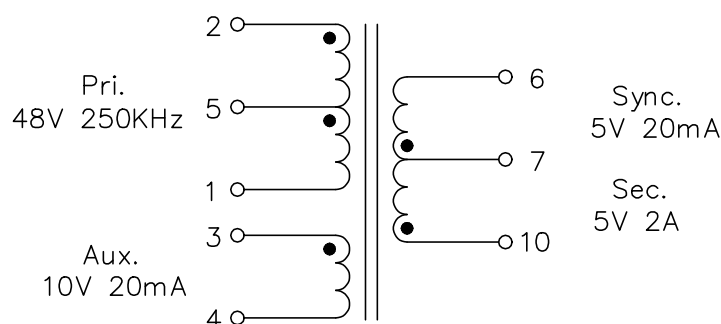
Pin2-1 Leakage Inductance: 3.0 uH Maximum @100KHz 0.5 Vrms (Shorted Other Windings)

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

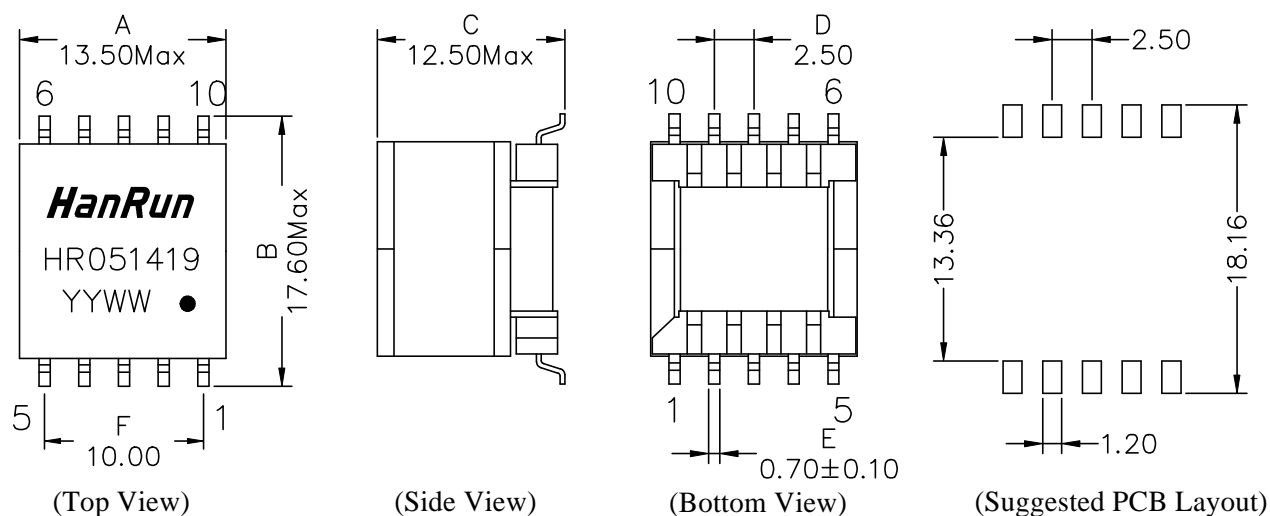
For Texas Instruments TPS23753A PoE Controller

Operating Temp.: -40 to +85°C ; Storage Temp.: -40 to +85°C

### Schematics



### Mechanical Dimensions



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

REV.: 00

1 of 1