

## HR051192

### Electrical Specification @25°C

RoHS Compliant (Pb Free)

Isolation: 1500Vrms 1mA 60S (Pri to Sec) 600Vrms 1mA 3S (Windings to Core)

Turns Ratio: P2-1 : P7,8-9,10 = 13 : 4 @100KHz 100mVrms (Tie7+8, 9+10)

Pin2-1 Inductance: 40.0 uH  $\pm 10\%$  @100KHz 100mVrms

Pin2-1 Inductance: 36.0 uH Min @100KHz 100mVrms +2.0A

Pin2-1 Leakage Inductance: 0.666 uH Maximum @100KHz 100mVrms (Shorted other windings)

Pin2-1 DC Resistance: 100.0 mohms Maximum

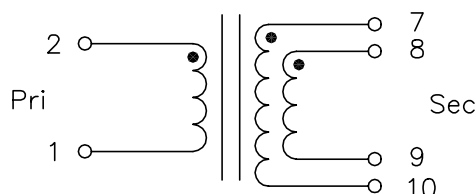
Pin7,8-9,10 DC Resistance: 25.0 mohms Maximum (Tie7+8, 9+10)

Operating Temperature: -40°C ~ +85°C

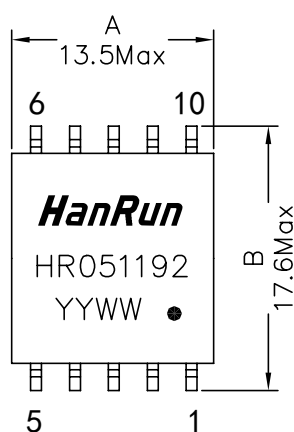
Input 36-57V Output 3.3V 4.5A

For Silicon Laboratories Si3400 and Si3401 PD Controllers

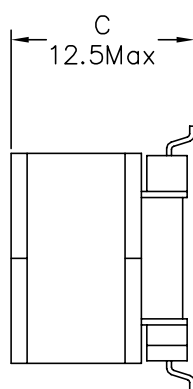
### Schematics



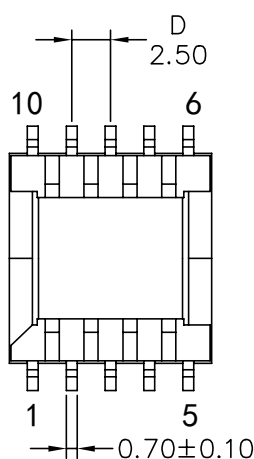
### Mechanical Dimensions



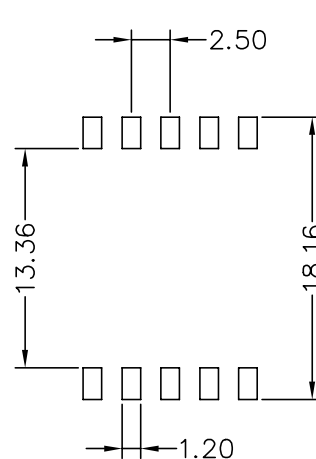
(Top View)



(Front View)



(Bottom View)



(Suggested PCB Layout)

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