

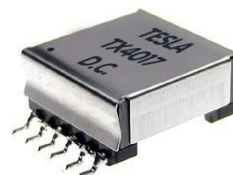


# TX4017 Flyback Transformer



**Features:**

- Designed for Flyback applications up to 25 Watts
- Class F Insulation System
- Operating Temperature: -40°C to +125°C
- Storage Temperature: -40°C to +125°C
- Switching Frequency: 250kHz

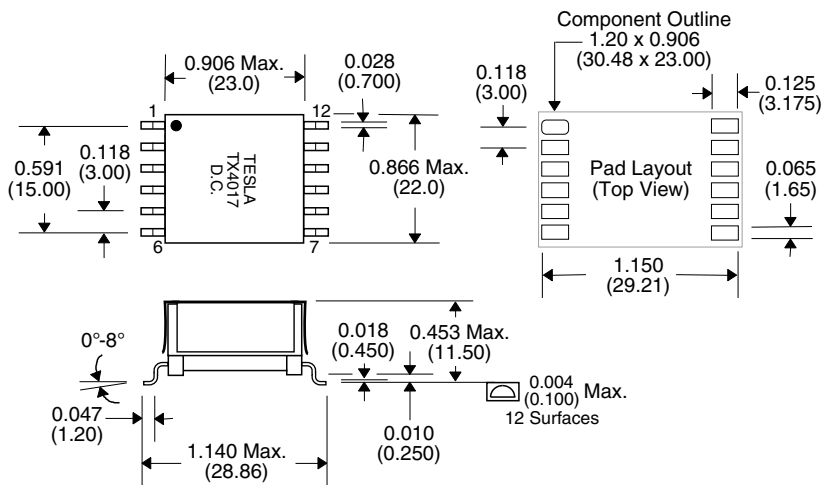


**Electrical Specifications @25°C**

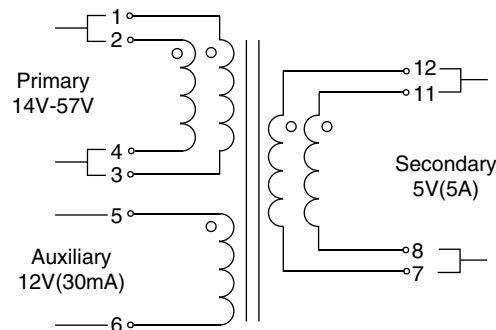
Inductance <sup>1</sup> ( $\mu\text{H} \pm 10\%$ )	Le <sup>2</sup> ( $\mu\text{H} \text{ max.}$ )	DCR (m $\Omega$ max.)			Saturation Current (A typ.)	Turns Ratio Pri.:Sec.:Aux.	Output		Isolation <sup>3</sup>	
		Pri.	Sec.	Aux.			Secondary	Auxiliary	Pri./Aux. To Sec.	Pri. To Aux.
Pri.	Pri.	Pri.	Sec.	Aux.	$ \Delta L/LI  < 20\%$	Pri.:Sec.:Aux.	Secondary	Auxiliary	Pri./Aux. To Sec.	Pri. To Aux.
20	0.25	25	8	500	6	2:1:2.5	5V(5A)	12V(30mA)	1500Vrms	500Vrms

- Notes:
1. Primary inductance measured at 100kHz;1.0Vrms.
  2. Leakage inductance measured at 100kHz;0.1Vrms with Sec. & Aux. windings shorted.
  3. 1 minute isolation between Primary/Auxiliary to Secondary winding.

**Dimensions**



**Schematic  
(Top View)**



All Dimensions are in inches (mm).

- Product weight: 13.6grams
- Moisture sensitivity level: 1
- Resistance to solder heat: 245°C
- Ordering Information:  
 TX4017 - Tube Packaging (39pcs./Tube)  
 TX4017T - Tray packaging (80pcs./Tray)  
 TX4017TR - Tape & Reel (200pcs./ 13"Reel)

**Typical Inductance vs Current Characteristic**

