

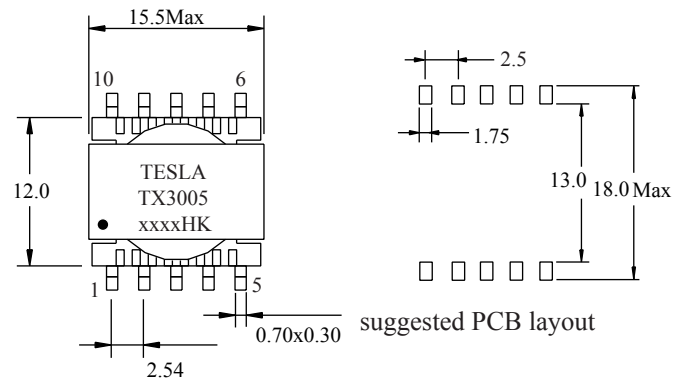
PoE/VoIP TRANSFORMER

6.6Watts

TX3005

Features:

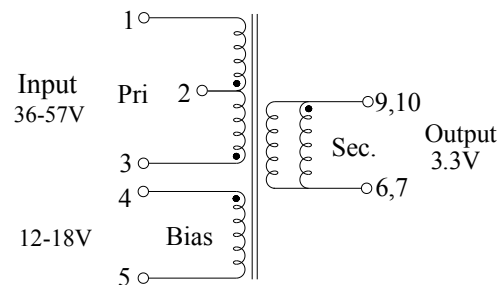
- ⊕ Total Power: 6.6W
- ⊕ Output voltage/Ampere: 3.3V/2A
- ⊕ Operating temperature: -40°C to $+85^{\circ}\text{C}$
- ⊕ Designed per IEEE802.3af



Electrical Specifications@25°C

1. Inductance@100KHz, 0.1Vrms
1-3: $120\mu\text{H}\pm 10\%$
2. Leakage Inductance@100KHz, 0.1Vrms
1-3 Short 10, 9, 6, 7: $3.0\mu\text{H Max}$
3. Max. D.C. Resistance(25°C):
1-3 : 0.45Ω ; (4-5): 0.185Ω ; (9,10-6,7): $8\text{ m}\Omega$
4. Turns Ratio: 10 kHz, 1V
2-1: 3-2: 4-5: 9,10-6,7= $10:10:8:2\pm 2\%$
5. Hi-Pot:
1500VDC, 1mA, 1Sec: Pri. & Bias to Sec.
6. SRF: 1-3
 7.5MHz Min

Mechanical



Schematic