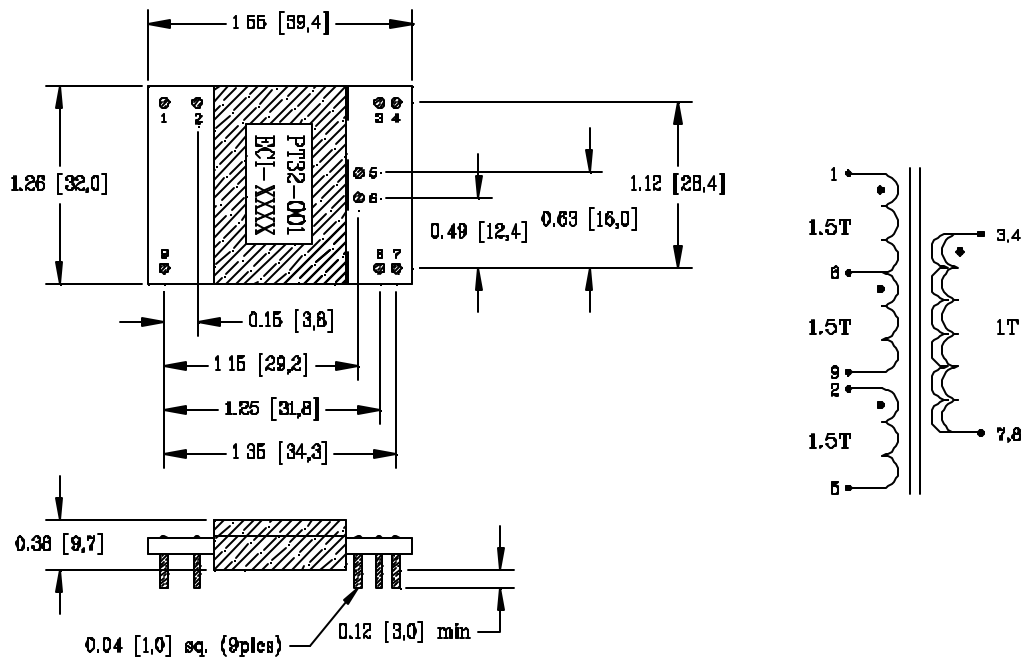


PT32-001

Planar Transformer

- Output power is a function of transformer operating topology, frequency & cooling conditions
- Temperature class, 130 °C
- Inductance (1-9) (300 kHz, 1 Vac), 31 $\mu\text{H} \pm 10\%$
- Leakage inductance (300 kHz, 1 Vac, 2-5 & 7-8 shorted), 300 nH maximum
- Capacitance (1,9 – 3,4,7,8) (300 kHz, 1 Vac), 220 pF typical
- Dielectric strength, 1000 Vrms between windings
- Various core gaps (L_g) / inductance values available
- Custom planar transformers available



- CORE DATA:
 - $V_e = 4.6 \text{ cm}^3$
 - $A_e = 1.29 \text{ cm}^2$
 - $L_e = 3.5 \text{ cm}$
 - $L_g = 0.025 \text{ mm}$
 - Core loss (300kHz, 100 °C, 100mT) = 700 mW typical
- WINDING DATA:
 - “DCR” (1-6) = 6 mO max
 - “DCR” (6-9) = 6 mO max
 - “DCR” (2-5) = 7 mO max
 - “DCR” (3,4-7,8) = 1.5 mO max