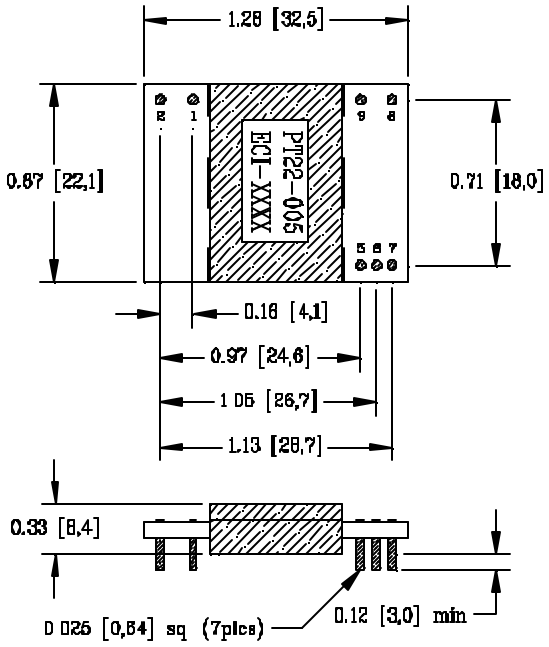
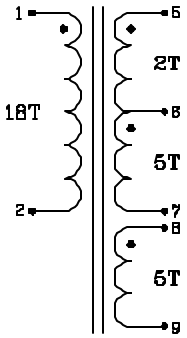
PT22-005

Planar Transformer

- Flyback topology
- Output power is a function of transformer operating topology, frequency & cooling conditions
- Temperature class, 130 °C
- Primary inductance (100 kHz, 1 Vac), 205 uH ± 5%
- Leakage inductance (100 kHz, 1 Vac, 5-9 shorted), 4 uH maximum
- Dielectric strength, 1000 Vrms between windings
- Various core gaps (L_g) / inductance values available
- Custom planar transformers available





- CORE DATA:
  - V_e = 2.1 cm^3
  - A_e = 0.81 cm^2
  - L_e = 2.6 cm
  - L_g = 0.16 mm
  - Core loss (100kHz, 100 ºC, 100mT) = 350 mW typical

- WINDING DATA:
  - "DCR" (1-2) = 500 mO max
  - "DCR" (5-6) = 15 mO max
  - "DCR" (6-7) = 80 mO max
  - "DCR" (8-9) = 80 mO max