

Full-Bridge Transformer

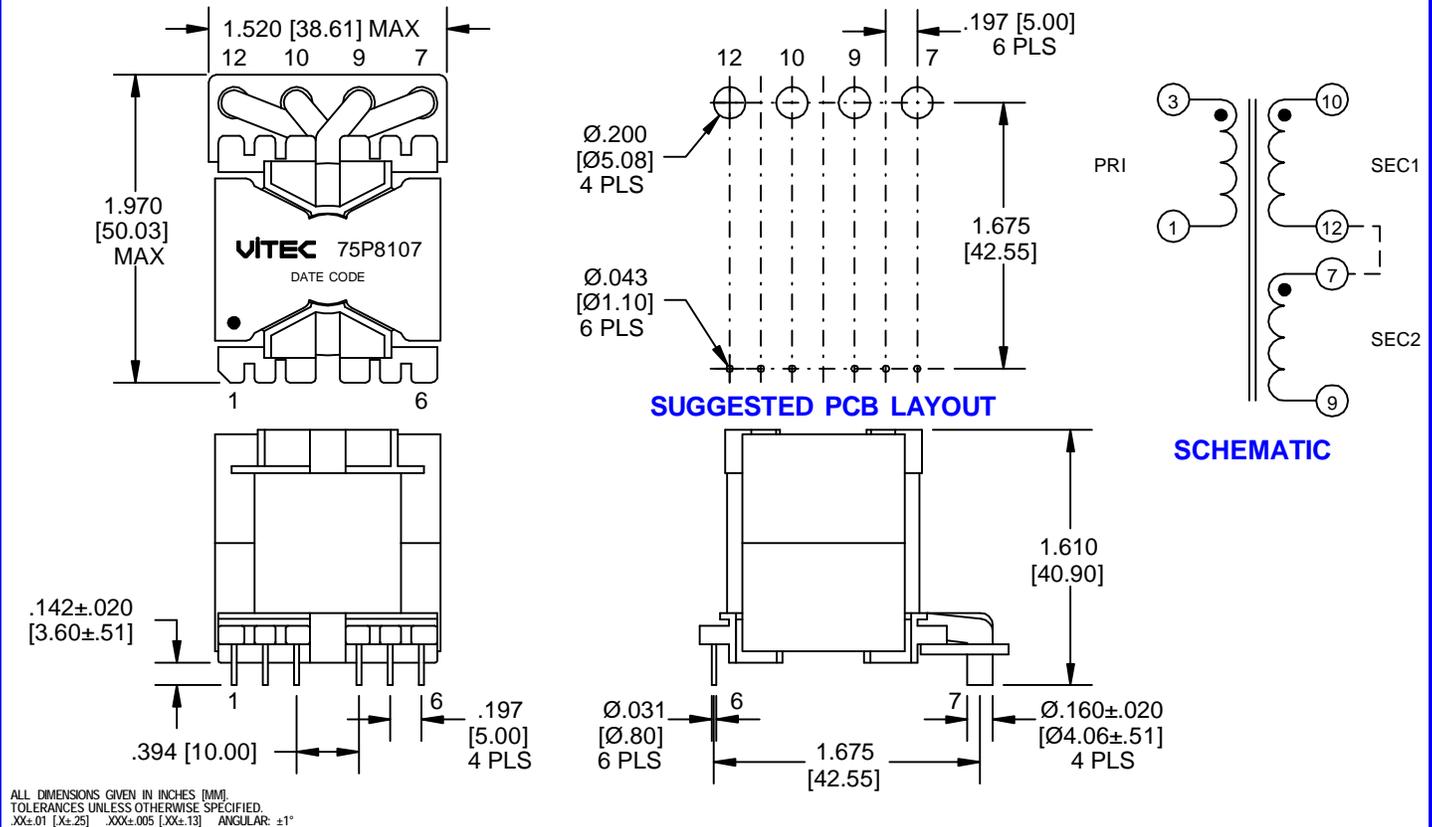
75P8107

FEATURES

- Designed for use with Texas Instruments UCC28950 Phase Shifted Full Bridge Controller
- Operating Temperature from -40°C to 125°C
- Manufactured to UL recognized 155°C insulation system.
- Materials meet flammability requirements for UL 94V-0.
- Order **75PR8107** for RoHS Compliant Version.

PRELIMINARY

MECHANICAL



ELECTRICAL SPECIFICATIONS @ 25°C

URNS RATIO: AT 100 KHz, 1 VRMS
(3-1) : (10-12) = 21 : 1 = 21.00 ±2% (20.58-21.42)
(3-1) : (7-9) = 21 : 1 = 21.00 ±2% (20.58-21.42)

OCL: AT 100 KHz, 0.100 VRMS
(3-1) = 2.60 ±10% mH (2.34-2.86 mH)

LL: AT 100 KHz, 1 VRMS
(3-1) = 7.5 uH MAX., SHORT (7-9-10-12)

DCR:
(3-1) = 0.215 ±10% OHMS (0.194-0.237 OHMS)
(10-12), (7-9) = 0.58 ±15% mOHMS (0.49-0.67 mOHMS)

HIPOT: 60 Hz, 2 SECONDS MINIMUM
(1,3) TO (7,9,10,12) : 3750 VRMS
(1,3,7,9,10,12) TO (CORE) : 2000 VRMS

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6213 El Camino Real, Carlsbad, CA 92009
TEL: (760) 918-8831 FAX: (760) 918-8840
<http://www.VitecCorp.com>