

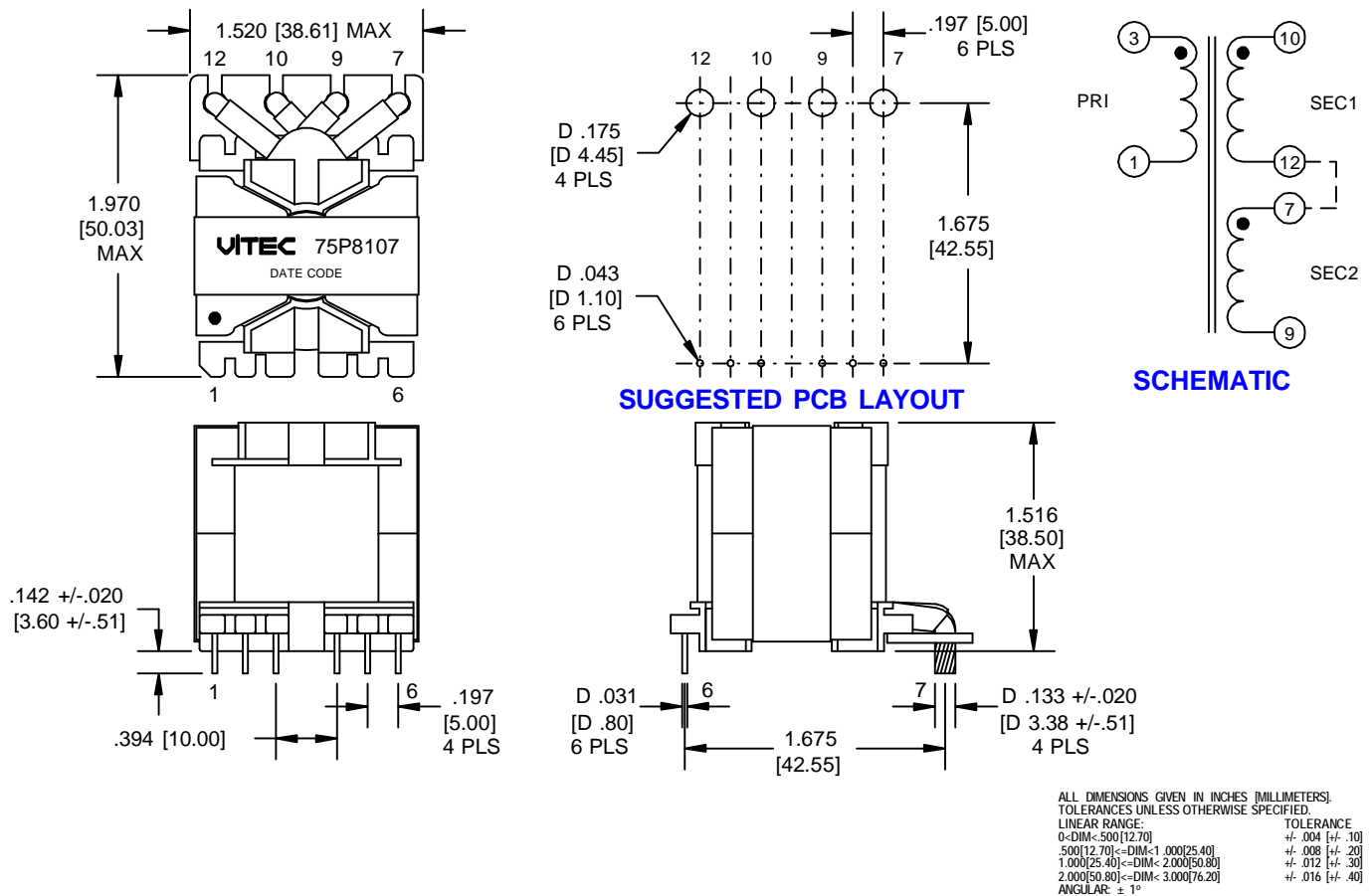
# Full-Bridge Transformer

## 75P8107

### FEATURES

- Designed for use with Texas Instruments UCC28950 Phase Shifted Full Bridge Controller.
- Operating Temperature: -40°C to 125°C.
- Manufactured with UL Recognized Materials for 155°C (F) Temperature Class.
- Materials meet flammability requirements for UL 94V-0.
- Order **75PR8107** for RoHS Compliant Version.

### 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) = 0.290 +/-10% OHMS (0.261-0.319 OHMS)

(10-12), (7-9) = 0.520 ±20% mOHMS (0.416-0.624 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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