

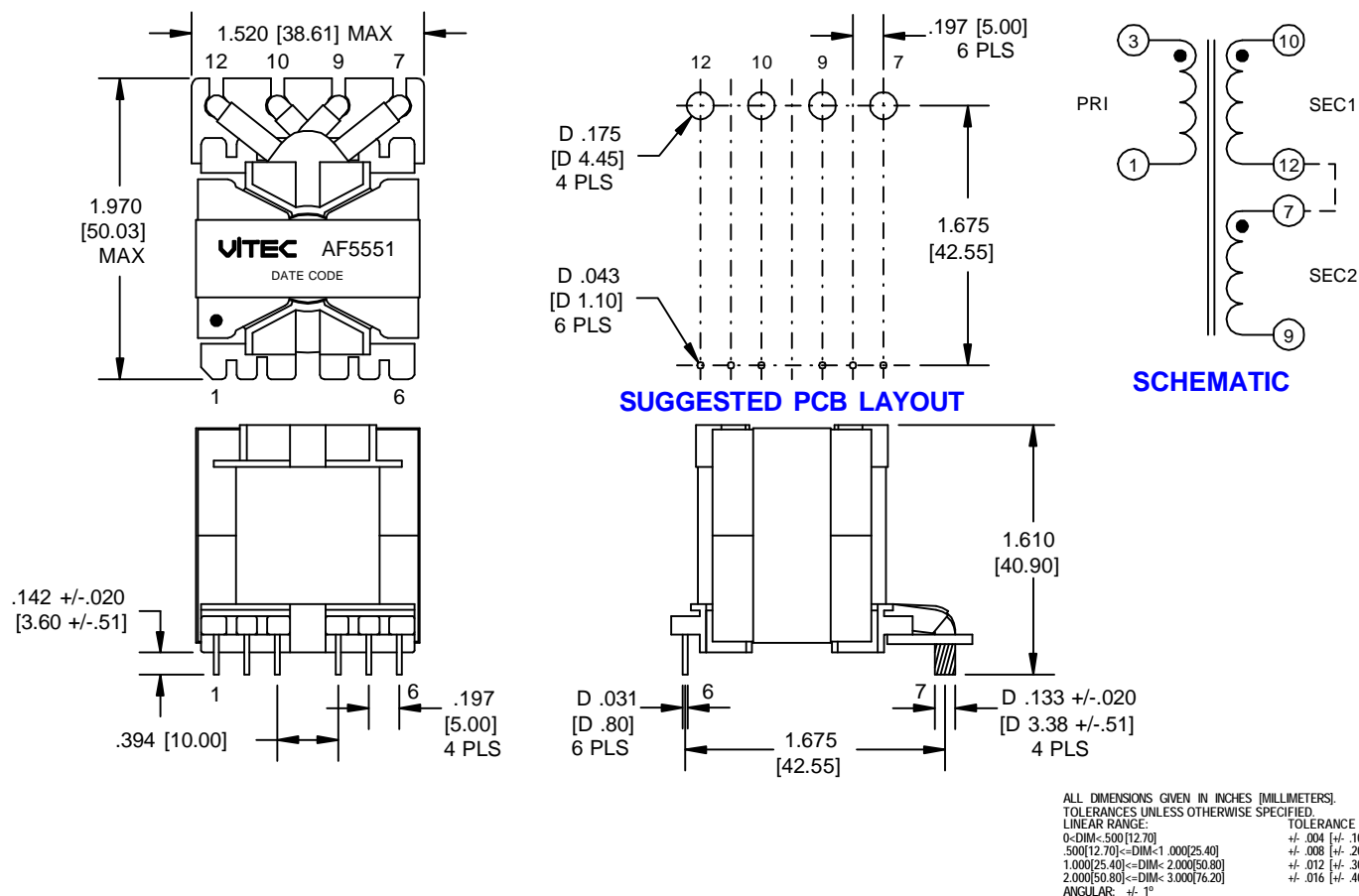
# Full-Bridge Transformer

## AF5551

### FEATURES

- Designed for use with Texas Instruments C2000 Microcontroller.
- Operating Temperature from -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 **AF5551R** for **RoHS** Compliant Version.

### MECHANICAL



### ELECTRICAL SPECIFICATIONS @ 25°C

URNS RATIO: AT 100 KHz, 1 VRMS

(3-1) : (10-12) = 12.00 : 1 = 12.00 +/-2% (11.76-12.24)

(3-1) : (7-9) = 12.00 : 1 = 12.00 +/-2% (11.76-12.24)

OCL: AT 100 KHz, 0.100 VRMS

(3-1) = 0.85 +/-10% mH (0.77-0.94 mH)

LL: AT 100 KHz, 1 VRMS

(3-1) = 4 uH MAX., SHORT (7-9-10-12)

DCR:

(3-1) = 0.082 +/-10% OHMS (0.074-0.090 OHMS)

(10-12), (7-9) = 0.520 +/-25% mOHMS (0.390-0.650 mOHMS)

HIPOT: 50/60 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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REF: AF5551

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