



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- 6C LONGITUDINAL BALANCE: 45dB min., 20k - 1.1MHz, per ITU Method (L->M).
- 6C D.C. RESISTANCE (@20°C):
  - 1-4, 0.80 ohms ±10%.
  - 2-5, 0.80 ohms ±10%.
  - 9-7, 1.80 ohms ±10%.
- FREQUENCY RESPONSE: ±1.0dB, 40k - 1.1MHz.
- INSERTION LOSS: 1.5dB max., at 50kHz.
- 6C DIELECTRIC RATING: 1500VAC for 1 second between 1-9; 2-9.
- 6C INDUCTANCE: 360uH ±5%, 10kHz, 100mVAC, 1-5(tie 2+4), Ls.
- 6C LEAKAGE INDUCTANCE: 11uH max., 100kHz, 100mVAC, 1-5(tie 2+4, 9+7), Ls.
- 6C TURNS RATIO: (1-5):(9-7) = 1:1, tie(2+4), ±1%.

DETAILS SUBJECT TO CHANGE

**Midcom, Inc.**

Watertown, SD USA  
Toll Free: 800-643-2661  
Fax: 605-886-4486

Unless otherwise specified:  
Tolerances: Fractions: ±1/64  
Angles: ±1° Decimals: ±.005 [1.13]

DRAWING TITLE

**TRANSFORMER**

Midcom

DRAWING NO.

**50215R**

6B

REV.

6F  
10/06

This drawing is dual dimensioned.  
Dimensions in brackets are in millimeters.

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 5

DWG.# 50215R