



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- 6D LONGTUDINAL BALANCE: 35dB min., 1.544MHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C): 1-3; 16-14; 6-8; 11-9, 0.7 ohms max.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-16; 6-11.
- 6D INDUCTANCE: 1.2mH min., 10kHz, 100mVAC, 1-3; 11-9, Ls.
- 6D LEAKAGE INDUCTANCE: 0.5uH max., 100kHz, 100mVAC, 1-3(tie 14+16), Ls.  
0.5uH max., 100kHz, 100mVAC, 11-9(tie 6+8), Ls.
- 6B TURNS RATIO: (1-3):(16-14) = 2.32:1, ±2%.  
(11-9):(6-8) = 2:1, ±2%.
- 6D INTERWINDING CAPACITANCE: 25pF max., 100kHz, 100mVAC, 1-16; 6-11, Ls.
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.

6D Designed to comply with the following requirements as defined by IEC950, EN60950, UL1950/CSA950 and AS/NZS3260:

- TNV-1 to SELV isolation.
- 6E - Basic Insulation (For UL1950)

6E	
AGENCY NUMBER	
UL 1950	E205930
CSA 950 (Via CUL)	E205930

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(.127mm)

DRAWING TITLE

**TRANSFORMER**

REVISIONS: SEE SHEET 1

**Midcom**

DRAWING NO.

**50662R**

REV.

6E

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

SCALE ---

SHEET 2 OF 6

DWG.# 50662R