



**SPECIFICATIONS:**

LONGITUDINAL BALANCE: 35dB min., @ 1.544MHz.

D.C. RESISTANCE, 20°C: 3-2, 1.09 ohms max.  
 2-1, 1.25 ohms max.  
 4-6, 1.62 ohms max.

DIELECTRIC RATING: 1500VAC for 1 minute tested by applying 1875VAC for 1 second between 3-4.

INDUCTANCE: 2.0mH min., 10kHz, 100mVAC, 3-1, Ls. 20°C.

LEAKAGE INDUCTANCE: 1.3uH max., 100kHz, 100mVAC, 3-1(tie 4+6), Ls.

RETURN LOSS: 18dB min., 50k - 3.072MHz.

TURNS RATIO: (3-1):(4-6) = 1.41:1 ±1%.

INTERWINDING CAPACITANCE: 50pF typ., 100kHz, 100mVAC, 3-4, Cs.

OPERATING TEMPERATURE RANGE: -40° to +85°C.

AGENCY NUMBER	
UL 1459	E99406
CSA 225 (Via CUL)	E99406

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

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

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1° Decimals: ±.005(.127mm)

DRAWING TITLE  
**TRANSFORMER**

REVISIONS: SEE SHEET 1

**Midcom**

DRAWING NO. 50477  
 50477R

REV. 6C

SCALE --- SHEET 2 OF 5

DWG.# 50477/R