



**ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:**

- LONGITUDINAL BALANCE: 35dB min., 1.544MHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C):  
 1-3, 0.70 ohms max.  
 6-8, 0.70 ohms max.  
 9-11, 0.70 ohms max.  
 14-16, 0.70 ohms max.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-16; 6-11.
- INDUCTANCE: 1.2mH min., 10kHz, 100mVAC, 1-3; 9-11, Ls.
- LEAKAGE INDUCTANCE: 0.6uH max., 100kHz, 100mVAC, 1-3(tie 14+16); 9-11(tie 6+8), Ls.
- TURNS RATIO:  
 (1-3):(16-14) = 1.15:1, ±2%.  
 (11-9):(6-8) = 2:1, ±2%.
- INTERWINDING CAPACITANCE: 30pF max., 100kHz, 100mVAC, 1-16; 6-11, Cs.
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.
- COPLANARITY: All 16 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

6C

AGENCY NUMBER	
UL 60950-1	E205930
CSA 60950-1 (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[.13]

DRAWING TITLE  
**TRANSFORMER**  
 PDSO-G16

Midcom

DRAWING NO. **51441R** REV. 6C  
 3/05

REVISIONS: SEE SHEET 1

SCALE --- SHEET 2 OF 7

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

DWG # 51441R