



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

- LONGITUDINAL BALANCE: 35dB min., 50k - 3MHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C):  
 1-3, 0.70 ohms max.  
 6-8, 0.70 ohms max.  
 16-14, 0.70 ohms max.  
 11-9, 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; 11-9, Ls.
- LEAKAGE INDUCTANCE: 0.50uH max., 100kHz, 100mVAC, 1-3(tie 16+14); 11-9(tie 6+8), Ls.
- TURNS RATIO:  
 (16-14):(1-3) = 1:1, ±2%.  
 (11-9):(6-8) = 1:1, ±2%.
- INTERWINDING CAPACITANCE: 25pF 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.

(6B)

AGENCY NUMBER	
UL 60950-1	E205930
CSA 60950-1 (Via CUL)	E205930

**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

REVISIONS: SEE SHEET 1

**Midcom**

DRAWING NO.

**51114R**

REV.

6B  
4/05

SCALE ---

SHEET 2 OF 6

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

DWG # 51114R