



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- ⑥D LONGITUDINAL 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); 11-9(tie 6+8), Ls.
- ⑥E TURNS RATIO: (1-3):(16-14) = 1.36:1, ±4%.
(6-8):(11-9) = 1:1, ±4%.
- ⑥D INTERWINDING CAPACITANCE: 25pF max., 100kHz, 100mVAC, 1-16; 6-11, Cs.
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.
- ⑥F COPLANARITY: All 16 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

⑥D⑥E Designed to comply with the following requirements as defined by IEC60950, EN60950, UL60950/CSA60950 and AS/NZS60950:
 ⑥F - TNV-1 to SELV isolation.
 - Basic Insulation (For UL60950).

⑥E⑥F	
AGENCY NUMBER	
UL 60950	E205930
CSA 60950 (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. **50652R** REV. 6F
 1/02

REVISIONS: SEE SHEET 1

SCALE --- SHEET 2 OF 7

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

DWG # 50652R ⑥F