



TERMINAL PAD DIMENSIONS
CUSTOMER TO DETERMINE LAND SIZE

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- 6C LONGITUDINAL BALANCE: 35dB min., 1.544MHz, per ITU Method (L->M).
- D.C. RESISTANCE (@20°C): 1-2; 3-4; 5-6; 7-8, 0.35 ohms max.
16-14; 11-9, 0.7 ohms max.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-16; 3-16; 5-11; 7-11.
- 6C INDUCTANCE: 1.2mH min., 10kHz, 100mVAC, 1-4(tie 2+3); 5-8(tie 6+7), Ls.
- 6C LEAKAGE INDUCTANCE: 0.5uH max., 100kHz, 100mVAC, 1-4(tie 2+3, 16+14); 5-8(tie 6+7, 11+9), Ls.
- 6B TURNS RATIO: (1-4):(16-14) = 1.26:1, ±2%, tie(2+3).
(5-8):(11-9) = 1.26:1, ±2%, tie(6+7).
- 6C INTERWINDING CAPACITANCE: 25pF max., 1-16(tie 2+3); 5-11(tie 6+7), 100kHz, 100mVAC, 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. Designed to comply with the following requirements as defined by IEC60950,

6C 6D EN60950, UL60950/CSA60950 and AS/NZS60950:

- 6F - TNV-1 to SELV isolation.
- 6F - Basic Insulation (For UL60950)

6F 6D	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

REVISIONS: SEE SHEET 1

Midcom

DRAWING NO.

50830R

REV.

6G
7/06

SCALE --- 6F

SHEET 2 OF 6

DWG.# 50830R 6B

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