



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- DIELECTRIC RATING:** 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between 1-16(tie 1+6, 16+11).
- INDUCTANCE:** 350uH min., 100kHz, 100mVAC, 8mADC, 16-14; 11-9, Lp.
- TURNS RATIO & POLARITY:** (1-3):(16-14) = 1:1, ±2%.
(6-8):(11-9) = 1:1, ±2%.
- INSERTION LOSS:** -1.1dB max., 500k - 100MHz.
- RETURN LOSS:** -18dB min., 500k - 30MHz.
-16dB min., 30M - 45MHz.
-14dB min., 45M - 60MHz.
-12dB min., 60M - 80MHz.
- CROSSTALK:** -35dB min., 1MHz - 100MHz.
- DCMR:** -30dB min., 500k - 100MHz.
- CMRR:** -30dB min., 500k - 100MHz.
- OPERATING TEMPERATURE RANGE:** -40°C to +85°C.
- COPLANARITY:** All 12 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

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-G12

Midcom

DRAWING NO. **000-7342-37R** REV. 6A

REVISIONS: SEE SHEET 1

SCALE --- SHEET 2 OF 8

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

DWG # 000-7342-37R