



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

- INDUCTANCE:** 350uH min., 100kHz, 100mV, 8mADC, 16-14; 11-9, Lp.
- DIELECTRIC RATING:** 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between 1-16(tie 1+6, 16+11).
- 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., 1M - 100MHz.
- DCMR:** -30dB min., 500k - 100MHz.
- CMRR:** -30dB min., 500k - 100MHz.

**COPLANARITY:** All 16 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

**Midcom, Inc.**  
Watertown, SD USA  
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This drawing is dual dimensioned.  
Dimensions in brackets are in millimeters.

Unless otherwise specified:  
Tolerances: Fractions: ±1/64  
Angles: ±1° Decimals: ±.005 [.13]

DRAWING TITLE

**TRANSFORMER**  
**EDSO-G16**

REVISIONS: SEE SHEET 1

**Midcom**

DRAWING NO.

**000-7318-30R**

REV.

6C  
11/05

SCALE ---

SHEET 2 OF 6

DWG # 000-7318-30R