



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

- INDUCTANCE: 350uH min., 100kHz, 100mV, 8mADC, 16-14; 11-9, Lp, 0°C to +70°C.
- DIELECTRIC RATING: 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between 1-16(tie 1+8, 9+16).
- TURNS RATIO & POLARITY: (1-3):(16-14) = 1:1, ±2%.  
(6-8):(11-9) = 1:1, ±2%.
- INSERTION LOSS: -1.0dB max., 1M - 100MHz.
- RETURN LOSS: -20dB min., 1M - 30MHz.  
-17dB min., 30M - 60MHz.  
-14dB min., 60M - 80MHz.  
-12dB min., 80M - 100MHz.
- CROSSTALK: -40dB min., 1M - 100MHz.
- CMRR: -40dB min., 1M - 100MHz.  
-20dB min., 100M - 500MHz.
- OPERATING TEMPERATURE RANGE: 0°C to +70°C.

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

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

DRAWING TITLE  
**TRANSFORMER**  
EDSO-G16

REVISIONS: SEE SHEET 1

**Midcom**

DRAWING NO. **000-7190-30U/R** REV. 6B  
5/04

SCALE --- SHEET 2 OF 10

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

DWG # 000-7190-30U/R