



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

**DIELECTRIC RATING:** 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between Input-Output.

**INDUCTANCE:** 350uH min., 100kHz, 100mV, 8mADC, 16-14; 11-9, Lp, 0°C to +70°C.

**TURNS RATIO & POLARITY:** (1-3):(16-14) = 1.89:1, ±2%.  
(6-8):(11-9) = 1:1, ±2%.

**INSERTION LOSS Tx:** -2dB max., 100k - 100MHz.

**INSERTION LOSS Rx:** -1.1dB max., 100k - 100MHz.

**RETURN LOSS:** -18dB min., 500k - 30MHz. -14dB min., 45M - 60MHz.  
-16dB min., 30M - 45MHz. -12dB max., 60M - 80MHz.

**CROSSTALK:** -35dB min., 1M - 100MHz.

⑥C **DCMR:** -30dB min., 100k - 100MHz.

**CMRR:** -30dB min., 100k - 100MHz.

**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.

### Midcom, Inc.

Watertown, SD USA  
Toll Free: 800-643-2661  
Fax: 605-886-4486

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**  
**PDSO-G16**

REVISIONS: SEE SHEET 1

Midcom

DRAWING NO.

**000-7091-37B**

REV.

6C

SCALE ---

SHEET 2 OF 10

DWG # 000-7091-37B

www.DataSheet.com