



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

- INSERTION LOSS: -1.0dB max., 300k - 100MHz.
- DIELECTRIC RATING: 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between 1-16(tie 1+8, 9+16).
- INDUCTANCE: 350uH min., 100kHz, 100mV, 8mADC, 16-14; 11-9, Lp.
- RETURN LOSS: -16dB min., 500k - 30MHz.  
-14dB min., 30M - 45MHz.  
-12dB min., 45M - 60MHz.  
-10dB min., 60M - 80MHz.
- URNS RATIO & POLARITY: (1-3):(16-14) = 1.25:1, ±2%.  
(6-8):(11-9) = 1:1, ±2%.
- CROSSTALK: -38dB min., 300k - 100MHz.
- CMRR: -38dB min., 300k - 60MHz.  
-35dB min., 60M - 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**  
PDFP-G16

REVISIONS: SEE SHEET 1

**Midcom**

DRAWING NO.

**000-6812-37R**

SCALE ---

REV.

6D  
1/04

SHEET 2 OF 10

DWG.# 000-6812-37R