



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- INSERTION LOSS: -1.1dB max., 300k - 100MHz.
- DIELECTRIC RATING: 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between 16-10(tie 1+16, 7+10).
- INDUCTANCE: 350uH min., 100kHz, 100mVAC, 8mADC, 7-6; 10-11, Lp.
- RETURN LOSS:
 - 18dB min., 500k - 30MHz.
 - 16dB min., 30M - 45MHz.
 - 14dB min., 45M - 60MHz.
 - 12dB min., 60M - 80MHz.
- TURNS RATIO:
 - (16-15):(10-11) = 1.414:1, ±2%.
 - (1-2):(7-6) = 1:1, ±2%.
- CROSSTALK: -35dB min., 300k - 100MHz.
- CMRR: -35dB min., 300k - 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
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Unless otherwise specified:
 Tolerances: Fractions: ±1/64
 Angles: ±1° Decimals: ±.005[.13]

DRAWING TITLE
TRANSFORMER
 PDFP-G16

REVISIONS: SEE SHEET 1

Midcom

DRAWING NO.
000-6789-37R

REV.
 6D
 3/05

SCALE --- SHEET 2 OF 10

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

DWG # 000-6789-37R