



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, 10-11; 7-6, Lp.
- RETURN LOSS: -18dB min., 500k - 30MHz.
-15dB min., 31M - 45MHz.
-12dB min., 46M - 60MHz.
-10dB min., 61M - 80MHz.
- TURNS RATIO & POLARITY: (16-15):(10-11) = 1:1, ±2%.
(1-2):(7-6) = 1:1, ±2%.
- CROSSTALK: -30dB min., 1M - 100MHz.
- DCMR: -30dB 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.

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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
PDSO-16

REVISIONS: SEE SHEET 1

Midcom

DRAWING NO.
000-7041-37R

REV.
6D
9/02

SCALE --- SHEET 2 OF 8

DWG.# 000-7041-37R