



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- INSERTION LOSS: -1.1dB max., 100k - 100MHz.
- DIELECTRIC RATING: 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between Input-Output.
- INDUCTANCE: 350uH min., 100kHz, 0.1Vrms, 8mADC, 16-14; 11-9, Lp, 0°C to +70°C.
- RETURN LOSS: -18dB min., 500k - 30MHz. -14dB min., 46M - 60MHz.
 -16dB min., 31M - 45MHz. -12dB min., 61M - 80MHz.
- TURNS RATIO: (1-3):(16-14) = 1:1.414, ±2%.
 (6-8):(11-9) = 1:1, ±2%.
- POLARITY: Per schematic.
- CROSSTALK: -40dB min., 1M - 100MHz.
- DCMR: -35dB min., 100k - 100MHz.
- CMRR: -35dB 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.

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

DRAWING TITLE
TRANSFORMER
 PDSO-G16

REVISIONS: SEE SHEET 1

Midcom

DRAWING NO.
000-7092-37R

REV.
 6C
 3/02

SCALE --- SHEET 2 OF 10

DWG.# 000-7092-37R

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