



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- D.C. RESISTANCE:** 1-2, 0.3 ohms max.
4-5, 0.3 ohms max.
7-8, 0.3 ohms max.
- DIELECTRIC RATING:** 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between Input and Output
- INDUCTANCE:** 120-180uH, 100kHz, 20mV, 1-2; 4-5; 7-8, Lp.
- LEAKAGE INDUCTANCE:** 0.2uH max., 100kHz, 20mV, 1-2(tie 16+14); 4-5(tie 13+12); 7-8(tie 10+9), Ls.
- TURNS RATIO & POLARITY:** (1-2):(16-15) = 1:1, ±2%. (7-8):(10-9) = 1:1, ±2%.
(4-5):(13-12) = 1:1, ±2%.
- INTERWINDING CAPACITANCE:** 12pF max., 100kHz, 20mV, 1-16; 4-13; 7-10, Cs.
- 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
PDSO-G16

Midcom

DRAWING NO. **000-5418-30R** REV. 6A
8/02

REVISIONS: SEE SHEET 1

SCALE --- SHEET 2 OF 7

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

DWG # 000-5418-30R