



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- DIELECTRIC RATING:** 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between Input-Output.
- INDUCTANCE:** 350uH min., 100kHz, 100mV, 8mADC, 16-14; 11-9, Lp, 0°C to +70°C.
- TURNS RATIO & POLARITY:** (1-3):(16-14) = 1.89:1, ±2%.
(6-8):(11-9) = 1:1, ±2%.
- INSERTION LOSS Tx:** -2dB max., 100k - 100MHz.
- INSERTION LOSS Rx:** -1.1dB max., 100k - 100MHz.
- RETURN LOSS:** -18dB min., 500k - 30MHz. -14dB min., 45M - 60MHz.
-16dB min., 30M - 45MHz. -12dB max., 60M - 80MHz.
- CROSSTALK:** -35dB min., 1M - 100MHz.
- DCMR:** -30dB min., 100k - 100MHz.
- CMRR:** -30dB 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.

<p>Midcom, Inc. Watertown, SD USA Toll Free: 800-643-2661 Fax: 605-886-4486</p>	Unless otherwise specified: Tolerances: Fractions: ±1/64 Angles: ±1° Decimals: ±.005 [.13]	Midcom	
	DRAWING TITLE TRANSFORMER PDSO-G16	DRAWING NO. 000-7091-37R	REV. 6C 7/02
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	REVISIONS: SEE SHEET 1	SCALE ---	SHEET 2 OF 10

DWG # 000-7091-37R