



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.

Midcom, Inc. Watertown, SD USA Toll Free: 800-643-2661 Fax: 605-886-4486	Unless otherwise specified: Tolerances: Fractions: ±1/64 Angles: ±1° Decimals: ±.005 [.13]			DWG # 000-7091-37R
	DRAWING TITLE <h2 style="text-align: center;">TRANSFORMER</h2> <h3 style="text-align: center;">PDSO-G16</h3>	DRAWING NO. <h2 style="text-align: center;">000-7091-37R</h2>	REV. 6C	
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	REVISIONS: SEE SHEET 1	SCALE ---	SHEET 2 OF 10	