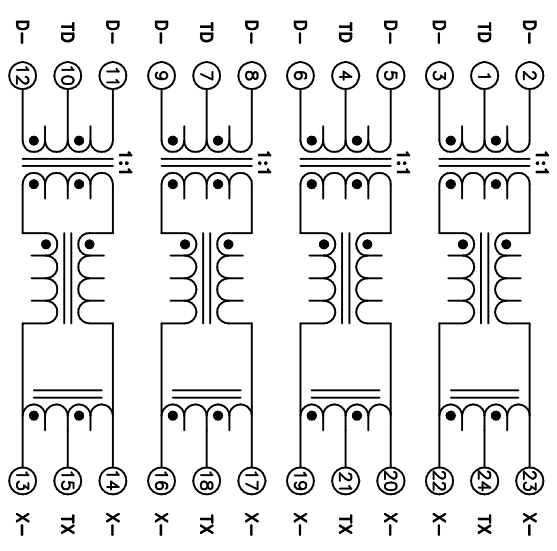
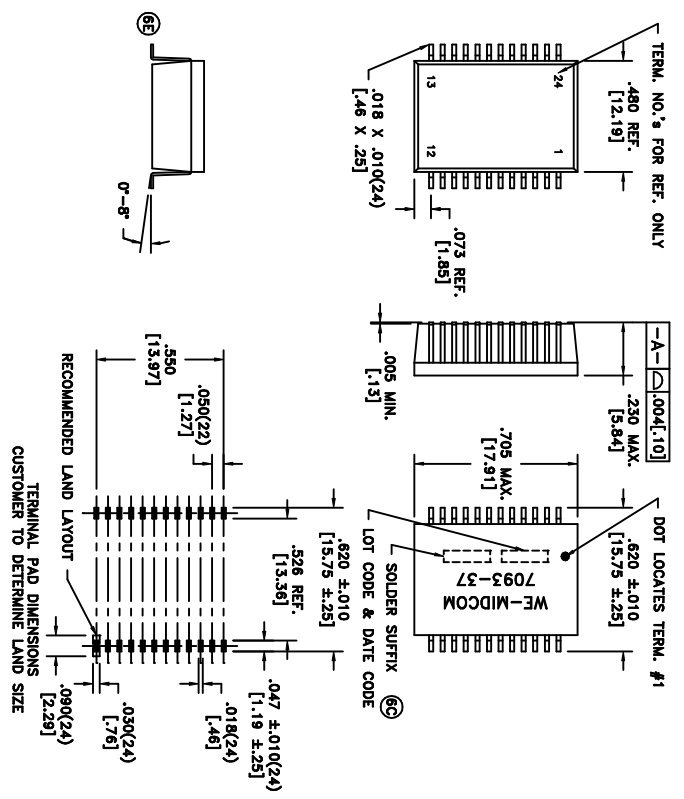


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF1	5m98k, Ag4k	Yes	No



**ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:**

- INDUCTANCE:** 350uH min, 100kHz, 100mV, 8mADC, 23-22; 20-19; 17-16; 14-13, Lp.
- DIELECTRIC RATING:** 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between 1-24(the 1+4+7+10, 15+18+21+24).
- TURNS RATIO & POLARITY:**
- (2-3):(23-22) = 1:1, ±2%.
  - (5-6):(20-19) = 1:1, ±2%.
  - (8-9):(17-16) = 1:1, ±2%.
  - (11-12):(14-13) = 1:1, ±2%.
- INSERTION LOSS:** -1.0dB max., 300k - 100MHz.
- RETURN LOSS:**
- 18dB min, 500k - 40MHz.
  - 15dB min., 40M - 60MHz.
  - 12dB min., 60M - 80MHz.
  - 10dB min., 80M - 100MHz.
- CROSSTALK:**
- 35dB min., 300k - 100MHz.
- CMRR:**
- 42dB min., 300k - 32MHz.
  - 33dB min., 32M - 100MHz.
- OPERATING TEMPERATURE RANGE:** -40°C to +85°C.
- COPLANARITY:** All 24 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 [127mm]  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE  
**TRANSFORMER**  
 PDFP-G24

**Midcom**

DRAWING NO.  
**000-7093-37R-LF1**

REV.  
 66  
 1/07