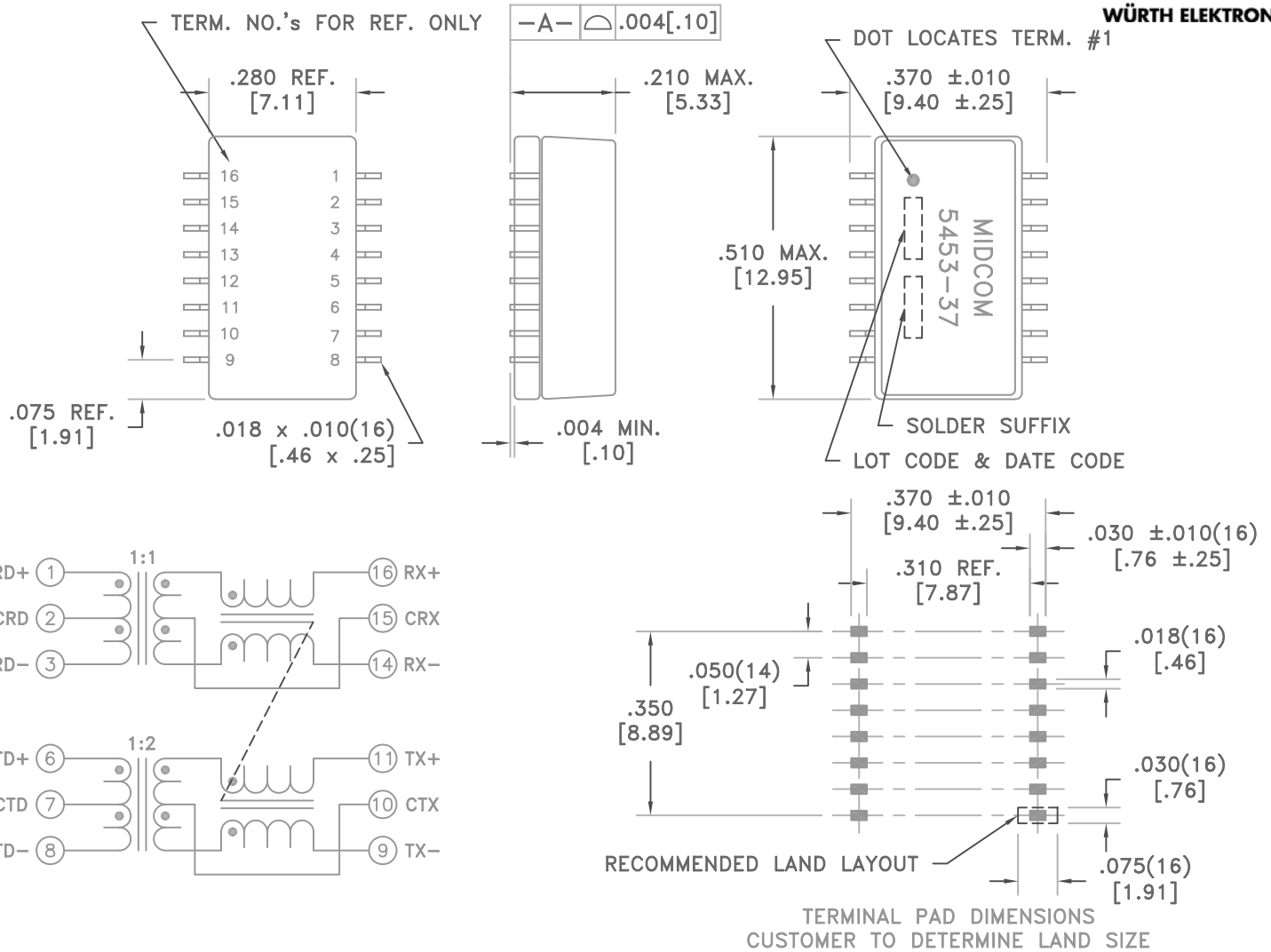


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF1	Sn96%, Ag4%	Yes	No



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

- D.C. RESISTANCE:** 1-3; 14-16; 6-8; 9-11, 0.90 ohms max.
- DIELECTRIC RATING:** 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between Input and Output
- INDUCTANCE:** 120uH min., 100kHz, 20mV, 1-3, Lp.  
20uH min., 100kHz, 20mV, 6-8, Lp.
- LEAKAGE INDUCTANCE:** 400nH max., 1MHz, 20mV, 1-3(tie 16+14), Ls.  
200nH max., 1MHz, 20mV, 6-8(tie 9+11), Ls.
- TURNS RATIO & POLARITY:** (1-3):(16-14) = 1:1, ±2%.  
(6-8):(11-9) = 1:2, ±2%.
- INTERWINDING CAPACITANCE:** 9pF max., 1MHz, 1.0V, 1-16(tie 1+3, 16+14), Cs.  
6pF max., 1MHz, 1.0V, 6-11(tie 6+8, 11+9), Cs.
- OPERATING TEMPERATURE RANGE:** -40°C to +85°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]

Midcom

DRAWING TITLE  
**TRANSFORMER**  
749 090 010

DRAWING NO. **000-5453-37R-LF1** REV. **6A**  
11/05

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

REVISIONS: SEE SHEET 1

SCALE --- SHEET 2 OF 7

DWG# 000-5453-37R-LF1