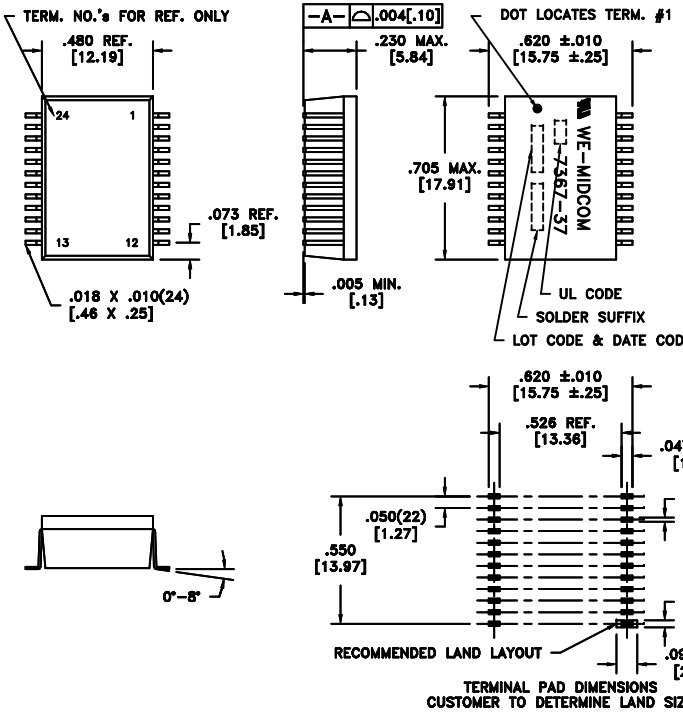
SOLDER SUFFIX	SOLDER	RoHS	LEAD(Pb)–FREE
LF1	Sn96%, Ag4%	Yes	No

compliant RoHS WE–MIDCOM



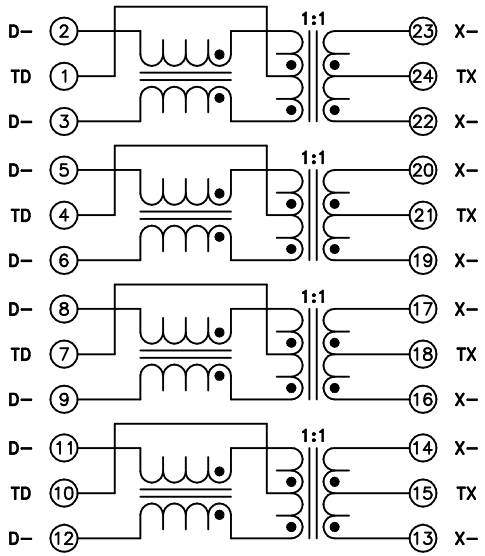
ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

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(tie 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: 0°C to +70°C.

COPLANARITY: All 24 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

(6B) Designed to handle 350mA DC and meet 802.3af.



REV.	DATE
6B	4/07
6A	10/05

AGENCY NUMBER	
UL CODE FILE# E205930	HD

Packaging Specifications

Method: Tape & Reel
PKG–0363
www.midcom–inc.com

Unless otherwise specified:
Tolerances: Fractions: ±1/64
Angles: ±1° Decimals: ±.005[.127]

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

DRAWING TITLE
TRANSFORMER
PDFP–G24
eiSos p/n: 749023012

Midcom www.midcom–inc.com

REVISIONS: SEE SHEET 1

DRAWING NO.
000–7367–37R–LF1

SCALE ---

SHEET 2 OF 8