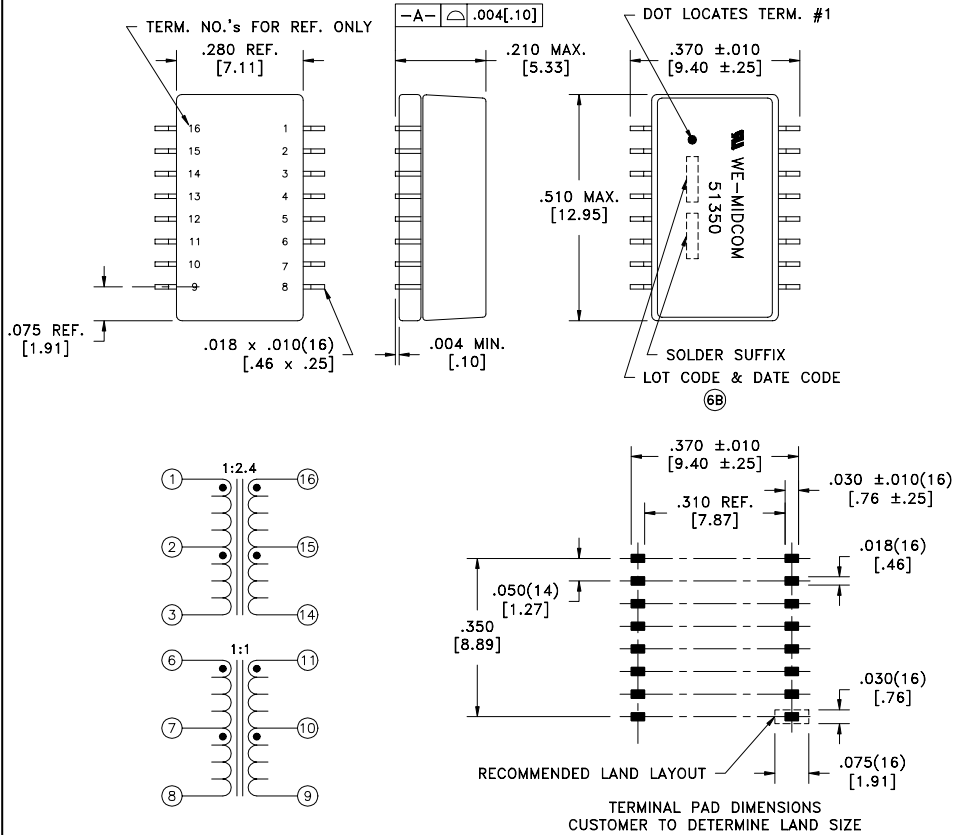


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF1	Sn96%, Ag4%	Yes	No



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-3 @20°C	0.85 ohms max.
D.C. RESISTANCE	6-8 @20°C	0.85 ohms max.
D.C. RESISTANCE	9-11 @20°C	0.85 ohms max.
D.C. RESISTANCE	14-16 @20°C	1.50 ohms max.
INDUCTANCE	1-3 10kHz, 100mVAC, Ls, 25°C	1.0mH min.
INDUCTANCE	9-11 10kHz, 100mVAC, Ls, 25°C	1.0mH min.
INDUCTANCE	1-3 10kHz, 100mVAC, Ls, -40°C	600uH min.
INDUCTANCE	9-11 10kHz, 100mVAC, Ls, -40°C	600uH min.
LEAKAGE INDUCTANCE	1-3 tie(14+16), 100kHz, 10mAAC, Ls	0.8uH max.
LEAKAGE INDUCTANCE	9-11 tie(6+8), 100kHz, 10mAAC, Ls	0.8uH max.
INTERWINDING CAPACITANCE	1-16 100kHz, 100mVAC, Cs	30pF max.
INTERWINDING CAPACITANCE	6-11 100kHz, 100mVAC, Cs	30pF max.
DIELECTRIC	1-16 1875VAC, 1 second	1500VAC, 1 minute
DIELECTRIC	6-11 1875VAC, 1 second	1500VAC, 1 minute
TURNS RATIO	(16-14):(1-3)	2.4:1, ±2%
TURNS RATIO	(11-9):(6-8)	1:1, ±2%
LONGITUDINAL BALANCE ¹	100k - 2MHz	35dB min.

¹Per ITU Method (L->M).

GENERAL SPECIFICATIONS:

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.

Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:
 - TNV-1 to SELV isolation.

REV.	DATE
6B	1/08
6A	6/07

DETAILS SUBJECT TO CHANGE

6B

AGENCY NUMBER	
UL60950-1	E205930
CSA60950-1 (Via CUL)	E205930

Packaging Specifications
 Method: Tape & Reel
 PKG-0339
 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
 PDSO-G16
 eiSos p/n: 750051350



DRAWING NO.
51350R-LF1

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 7