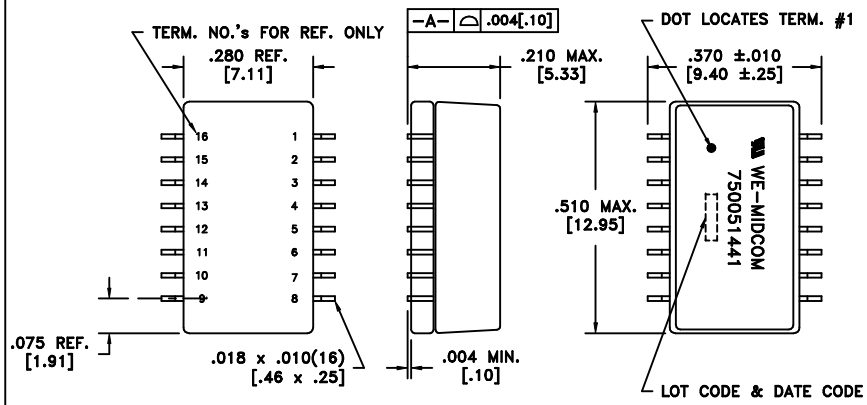
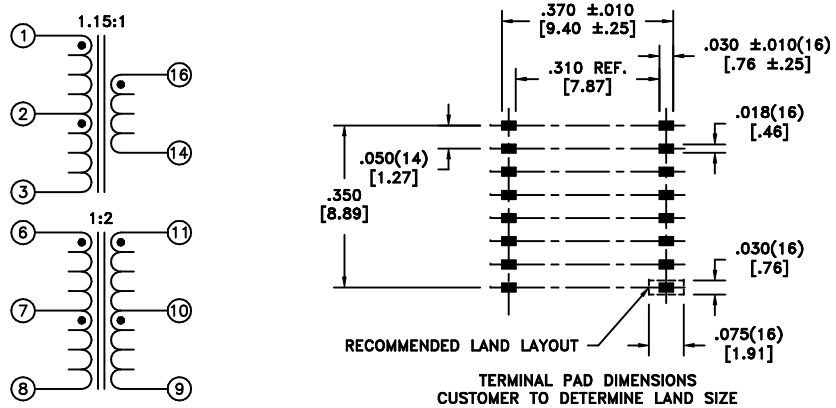
CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE
Sn96%, Ag4%	Yes	No

compliant RoHS WE–MIDCOM





ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	1–3	@20°C	0.70 ohms max.
D.C. RESISTANCE	6–8	@20°C	0.70 ohms max.
D.C. RESISTANCE	9–11	@20°C	0.70 ohms max.
D.C. RESISTANCE	14–16	@20°C	0.70 ohms max.
INDUCTANCE	1–3	10kHz, 100mVAC, Ls	1.2mH min.
INDUCTANCE	9–11	10kHz, 100mVAC, Ls	1.2mH min.
LEAKAGE INDUCTANCE	1–3	tie(14+16), 100kHz, 100mVAC, Ls	0.6uH max.
LEAKAGE INDUCTANCE	9–11	tie(6+8), 100kHz, 100mVAC, Ls	0.6uH 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		(11–9):(6–8)	2:1, ±1%
TURNS RATIO		(1–3):(16–14)	1.15:1, ±1%
LONGITUDINAL BALANCE [1]		1.544MHz	35dB min.

[1]Per ITU Method (L->M) with terminal 4 grounded

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.

REV.	DATE
6B	4/08
6A	1/08

DETAILS SUBJECT TO CHANGE

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: 750051441

Midcom–WE
www.midcom–inc.com

DRAWING NO.
750051441

REVISIONS: SEE SHEET 1 | SCALE --- | SHEET 2 OF 7