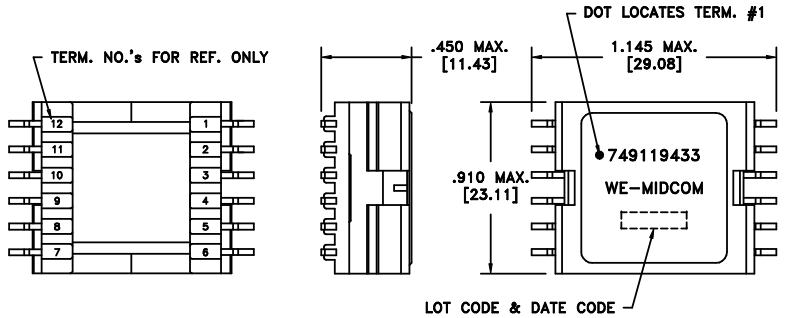
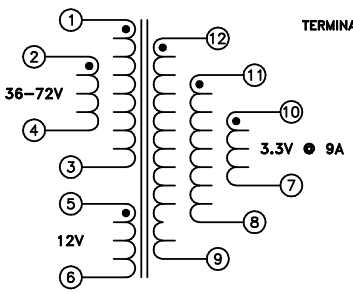
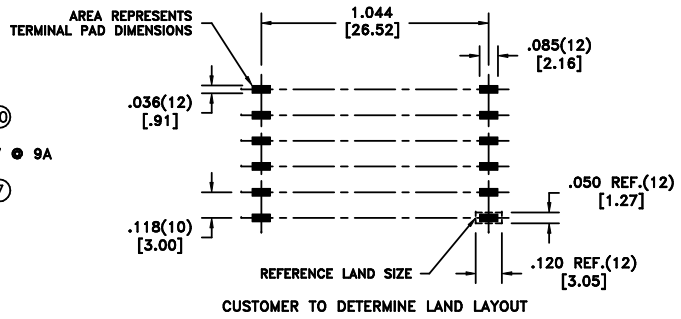
CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE
Sn96%, Ag4%	Yes	Yes

compliant RoHS WE–MIDCOM





Application of the transformer allows for the following groups of terminals to solder bridge:
1&2, 3&4, 10&11&12, and 7&8&9.



CUSTOMER TO DETERMINE LAND LAYOUT

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	1–3	tie(1+2, 3+4), @20°C	0.099 ohms ±20%
D.C. RESISTANCE	7–12	tie(7+8+9, 10+11+12), @20°C	0.0032 ohms ±20%
D.C. RESISTANCE	5–6	@20°C	0.220 ohms ±20%
INDUCTANCE	1–3	250kHz, 700mVAC, Ls	42.0uH ±10%
INDUCTANCE	1–3	tie(1+2, 3+4), 250kHz, 700mVAC, 2.6ADC, Ls	42.0uH ±10%
LEAKAGE INDUCTANCE	1–3	tie(1+2, 3+4, 5+6+7+8+9+10+11+12), 250kHz, 100mVAC, Ls	3.0uH max.
DIELECTRIC	1–12	1875VAC, 1 second	1500VAC, 1 minute
TURNS RATIO		(1–3):(12–7)	11:1, ±1%
TURNS RATIO		(1–3):(11–8)	11:1, ±1%
TURNS RATIO		(1–3):(10–9)	11:1, ±1%
TURNS RATIO		(1–3):(5–6)	3.3:1, ±1%
TURNS RATIO		(1–3):(2–4)	1:1, ±1%

GENERAL SPECIFICATIONS:
OPERATING TEMPERATURE RANGE: –40°C to +125°C.

REV.	DATE
6A	9/07

Packaging Specifications
Method: Tape & Reel
PKG–0647
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
eiSos p/n: 749119433

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REVISIONS: SEE SHEET 1

DRAWING NO.
749119433
SCALE ---
SHEET 2 OF 5

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