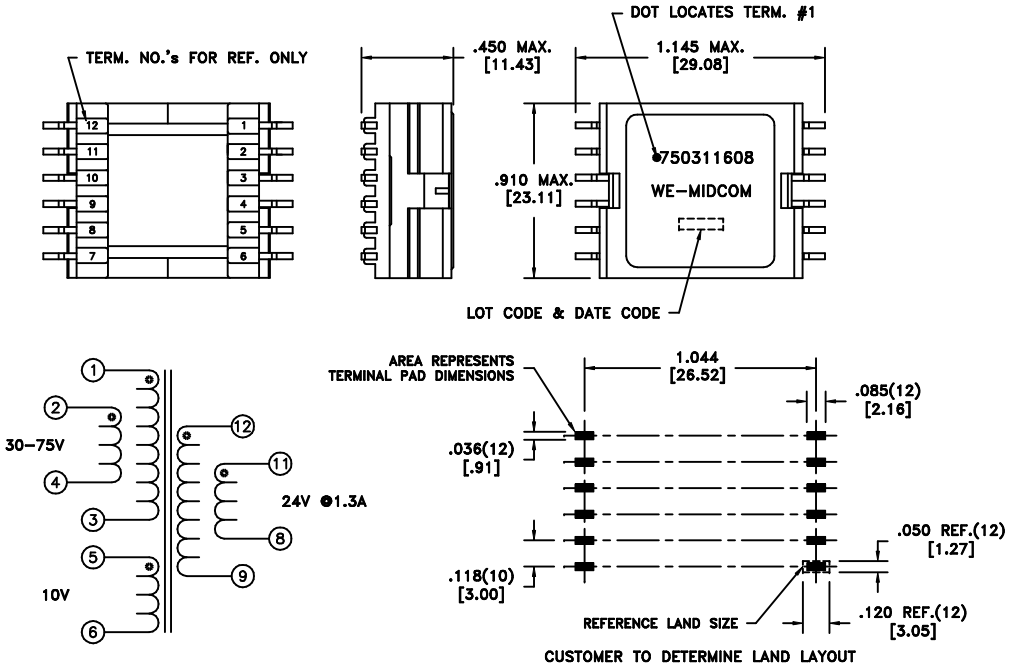
CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE
Sn96%, Ag4%	Yes	Yes

more than you expect

Midcom

WÜRTH ELEKTRONIK



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

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	1–3	tie(1+2, 3+4), @20°C	0.030 ohms max.
D.C. RESISTANCE	8–12	tie(8+9, 11+12), @20°C	0.020 ohms max.
D.C. RESISTANCE	5–6	@20°C	0.055 ohms max.
INDUCTANCE	1–3	tie(1+2, 3+4), 10kHz, 100mVAC, Ls	12.0uH ±10%
SATURATION CURRENT		20% rolloff from initial	9.0A
LEAKAGE INDUCTANCE	1–3	tie(1+2, 3+4, 8+9+11+12), 250kHz, 100mVAC, Ls	500nH typ., 1.0uH max.
DIELECTRIC	1–12	1875VAC, 1 second	1500VAC, 1 minute
TURNS RATIO		(1–3):(12–9)	1.5:1, ±1%
TURNS RATIO		(1–3):(11–8)	1.5:1, ±1%
TURNS RATIO		(1–3):(5–6)	3:1, ±1%
TURNS RATIO		(1–3):(2–4)	1:1, ±1%

GENERAL SPECIFICATIONS:

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

Wire insulation & RoHS status not affected by wire color.
Wire insulation color may vary depending on availability.

REV.	DATE
6A	10/10

Packaging Specifications
Method: Tape & Reel
PKG–0647
www.we-online.com/midcom

SEE REVISION SHEET FOR REVISION LEVEL

CONVENTION PLACEMENT

Tolerances unless otherwise specified:
Angles: ±1° Decimals: ±.005 [.13]
Fractions: ±1/64 Footprint: ±.005 [.13]

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

DRAWING TITLE
TRANSFORMER

eiSos p/n: 750311608

compliant RoHS

PART NO.
750311608

SPECIFICATION SHEET 1 OF 1