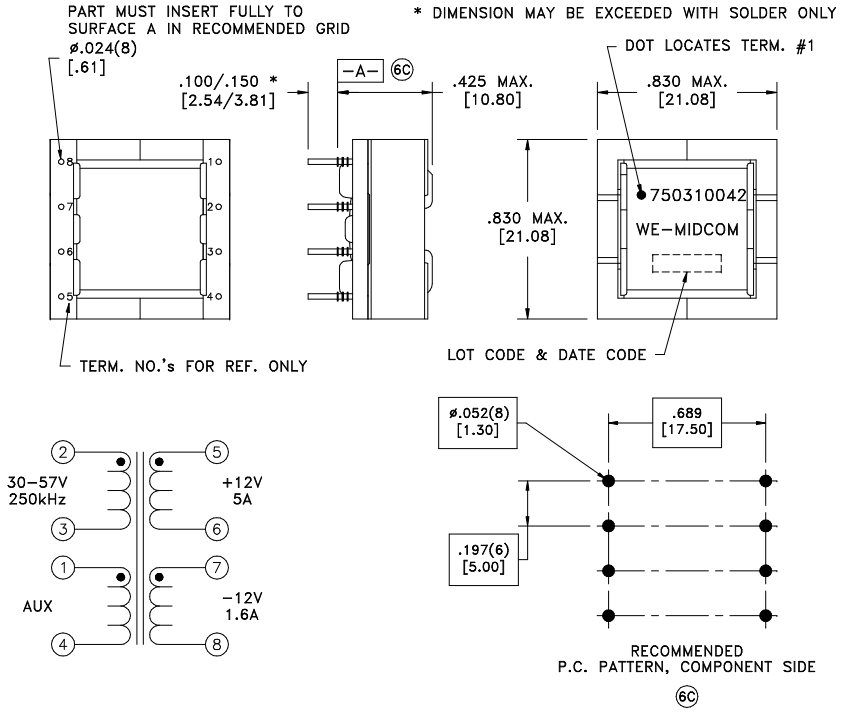
CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE
Sn96%, Ag4%	Yes	Yes

more than you expect

Midcom

WÜRTH ELEKTRONIK



RECOMMENDED P.C. PATTERN, COMPONENT SIDE

6C

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

	PARAMETER		TEST CONDITIONS	VALUE
	D.C. RESISTANCE	1–4	@20°C	0.080 ohms max.
	D.C. RESISTANCE	2–3	@20°C	0.050 ohms max.
	D.C. RESISTANCE	5–6	@20°C	0.018 ohms max.
	D.C. RESISTANCE	7–8	@20°C	0.029 ohms max.
6B	INDUCTANCE	2–3	10kHz, 100mVAC, Ls	154uH min.
6B	LEAKAGE INDUCTANCE	2–3	tie(1+4, 5+6+7+8), 100kHz, 10mVAC, Ls	2uH max.
	DIELECTRIC	2–5	tie(6+7), 1875VAC, 1 second	1500VAC, 1 minute
	DIELECTRIC	1–2	500VDC, 1 second	–
	DIELECTRIC	5–7	500VDC, 1 second	–
	TURNS RATIO		(2–3):(1–4)	2:1, ±2%
	TURNS RATIO		(2–3):(5–6)	2:1, ±2%
	TURNS RATIO		(2–3):(7–8)	2:1, ±2%

GENERAL SPECIFICATIONS:

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

Designed to comply with the following requirements as defined by IEC60950–1, EN60950–1, UL60950–1/CSA60950–1 and AS/NZS60950.1:
– Functional insulation for a primary circuit at a working voltage of 250Vrms.

DETAILS SUBJECT TO CHANGE

REV.	DATE
6C	1/10
6B	7/09
6A	6/07

Packaging Specifications
Method: Tray
PKG–0199
www.midcom–inc.com

SEE REVISION SHEET FOR REVISION LEVEL

CONVENTION PLACEMENT

Tolerances unless otherwise specified:
Angles: ±1° Decimals: ±.005 [.13]
Fractions: ±1/64 Footprint: ±.001 [.03]

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

DRAWING TITLE
TRANSFORMER

eiSos p/n: 750310042

compliant RoHS

PART NO.
750310042

SPECIFICATION SHEET 1 OF 1