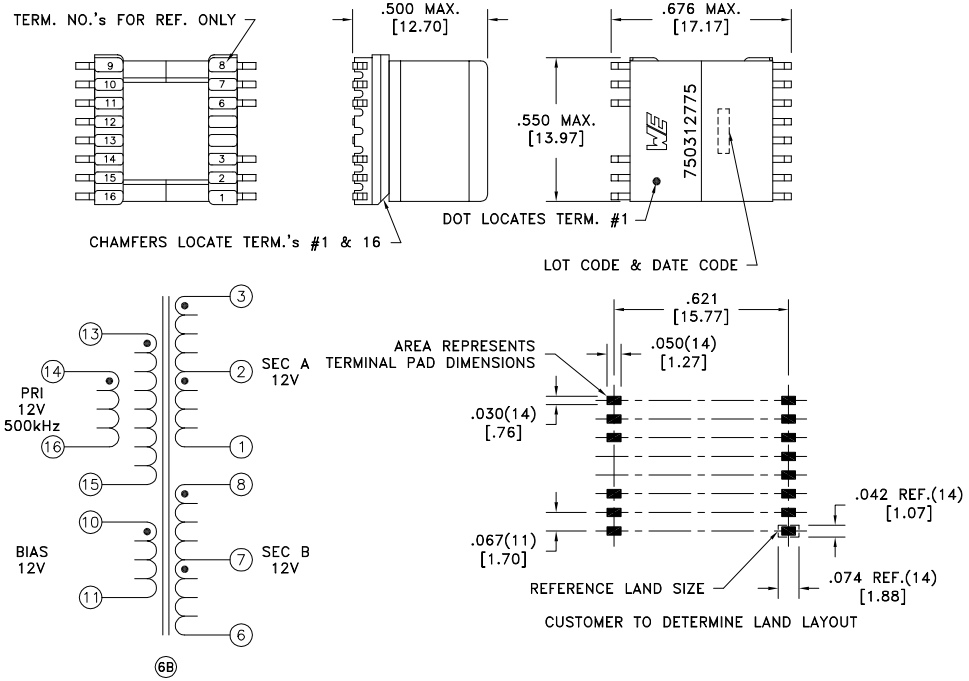
CUSTOMER TERMINAL	RoHS	LEAD(Pb)−FREE
Sn96%, Ag4%	Yes	Yes

more than you expect

Midcom

WÜRTH ELEKTRONIK



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

	PARAMETER		TEST CONDITIONS	VALUE
6B	D.C. RESISTANCE	1−3	@20°C	0.277 ohms ±10%
6B	D.C. RESISTANCE	6−8	@20°C	0.268 ohms ±10%
6B	D.C. RESISTANCE	10−11	@20°C	0.980 ohms ±10%
6B	D.C. RESISTANCE	13−15	@20°C	0.145 ohms ±10%
6B	D.C. RESISTANCE	14−16	@20°C	0.176 ohms ±10%
6B	INDUCTANCE	13−15	tie(13+14, 15+16), 10kHz, 100mVAC, Ls	37.0uH ±10%
	SATURATION CURRENT		20% rolloff from initial	2.25A
6B	LEAKAGE INDUCTANCE	13−15	tie(1+2+3+6+7+8, 10+11, 13+14, 15+16), 100kHz, 100mVAC, Ls	150nH typ., 300nH max.
6B	DIELECTRIC	8−10	tie(10+13+14), 3125VAC, 1 second	2500VAC, 1 minute
6B	DIELECTRIC	1−16	tie(10+13+14), 3125VAC, 1 second	2500VAC, 1 minute
	DIELECTRIC	1−8	3125VAC, 1 second	2500VAC, 1 minute
6B	DIELECTRIC	10−16	tie(13+14), 625VAC, 1 second	500VAC, 1 minute
6B	TURNS RATIO		(3−2):(2−1)	1:1, ±1%
6B	TURNS RATIO		(8−7):(7−6)	1:1, ±1%
6B	TURNS RATIO		(14−16):(13−15)	1:1, ±1%
6B	TURNS RATIO		(14−16):(3−1)	1:1, ±1%
6B	TURNS RATIO		(14−16):(8−6)	1:1, ±1%
6B	TURNS RATIO		(14−16):(10−11)	1:1, ±1%

GENERAL SPECIFICATIONS:
OPERATING TEMPERATURE RANGE: −40°C to +125°C including temp rise.

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

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

REV.	DATE
6B	4/12
6A	1/12

Packaging Specifications
Method: Tape & Reel
PKG−0325
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: 750312775

compliant RoHS

PART NO.
750312775
SPECIFICATION SHEET 1 OF 1