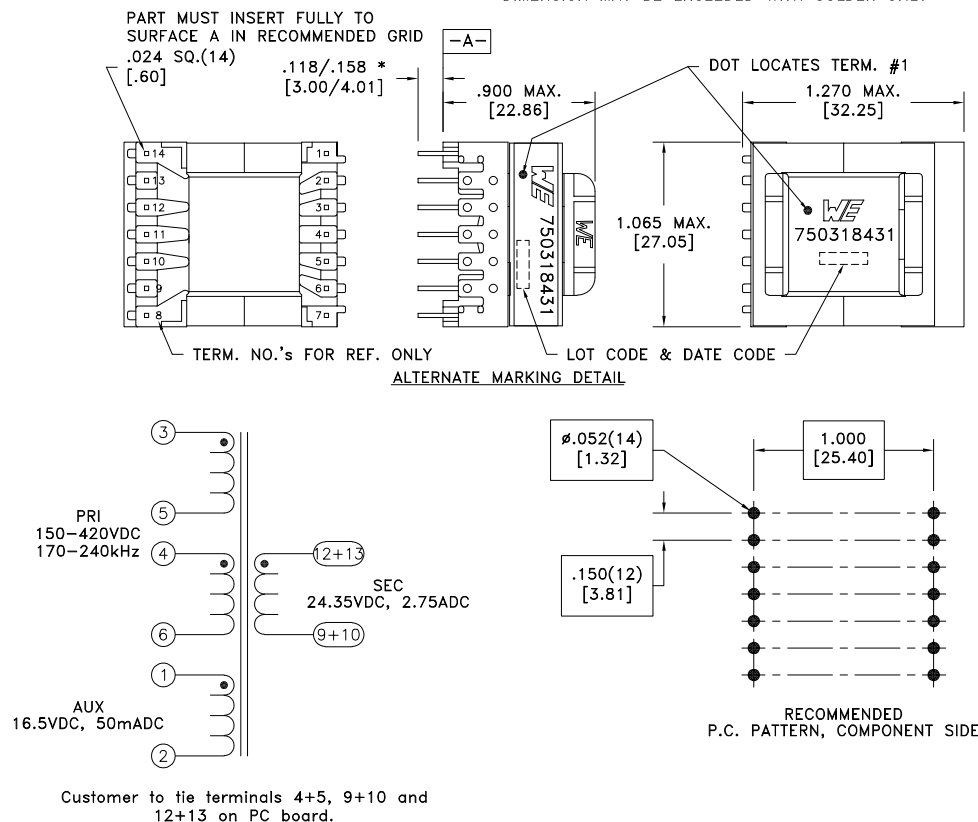


CUSTOMER TERMINAL	RoHS	LEAD(Pb)—FREE
Sn96%, Ag4%	Yes	Yes

* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	3-6 tie(4+5), @20°C	0.215 ohms ±10%
D.C. RESISTANCE	1-2 @20°C	0.120 ohms ±10%
D.C. RESISTANCE	13-9 tie(9+10, 12+13), @20°C	0.014 ohms ±20%
INDUCTANCE	3-6 tie(4+5), 100kHz, 1.0VAC, Ls	120uH ±10%
SATURATION CURRENT	3-6 tie(4+5), 20% rolloff from initial	5.3A
LEAKAGE INDUCTANCE	3-6 tie(1+2, 4+5, 9+10+12+13), 100kHz, 100mVAC, Ls	1.6uH typ., 2.6uH max.
DIELECTRIC	1-13 tie(2+3, 4+5, 9+10), 3750VAC, 1 second	3000VAC, 1 minute
DIELECTRIC	1-3 tie(4+5), 625VAC, 1 second	500VAC, 1 minute
TURNS RATIO	(3-6):(1-2), tie(4+5)	6.4:1, ±2%
TURNS RATIO	(3-6):(13-9), tie(4+5, 9+10, 12+13)	4:1, ±2%
TURNS RATIO	(3-5):(4-6)	1:1, ±2%
INSULATION RESISTANCE	1-13 tie(2+3, 4+5, 9+10), 500VDC, 5 seconds	100Mohms min.
INSULATION RESISTANCE	1-Core tie(2+3, 4+5), 500VDC, 5 seconds	50Mohms min.
INSULATION RESISTANCE	13-Core tie(9+10), 500VDC, 5 seconds	50Mohms min.

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40°C to +125°C including temp rise.

Designed to comply with the following requirements as defined by EN61010-2-201:
- Reinforced insulation between PRI & SEC; creepage and clearance distance 4.8mm min.

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

REV.	DATE	Packaging Specifications	CONVENTION PLACEMENT	Tolerances unless otherwise specified: Angles: ±1° Decimals: ±.005 [.13] Fractions: ±1/64 Footprint: ±.001 [.03]	DRAWING TITLE	PART NO.
6B	6/25	Method: Tray PKG-0737 www.we-online.com/midcom		This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	TRANSFORMER	750318431
6A	2/20	SEE REVISION SHEET FOR REVISION LEVEL			eiSos p/n: 750318431	SPECIFICATION SHEET 1 OF 1