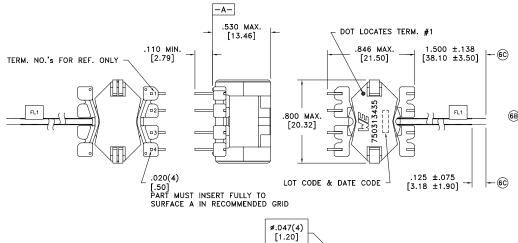


PRI 120-375V 100kHz_

AUX 16V, 10mA





ø.047(4) [1.20]
.150(2) [5.08]
RECOMMENDED P.C. PATTERN, COMPONENT SIDE

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER TEST CONDITIONS VALUE D.C. RESISTANCE 1-2 @20°C 1.25 ohms ±10% D.C. RESISTANCE 3-4 @20°C 0.695 ohms ±10% D.C. RESISTANCE FL1-FL2 @20°C 0.125 ohms ±10% INDUCTANCE 3-4 10kHz, 100mVAC, Ls 700uH ±10% SATURATION CURRENT 20% rolloff from initial 1A LEAKAGE INDUCTANCE 1-2 100kHz, 100mVAC, Ls 5.0uH max. LEAKAGE INDUCTANCE 3-4 1tie(FL1+FL2), 100mVAC, Ls 15.0uH max. DIELECTRIC 4-FL1 tie(2+3), 3750VAC, 1 second 3000VAC, 1 minute DIELECTRIC 1-4 625VAC, 1 second 500VAC, 1 minute TURNS RATIO (4-3):(1-2) 2.5:1, ±1% TURNS RATIO (4-3):(FL1-FL2) 3:1, ±1%				
D.C. RESISTANCE 3-4 @20°C 0.695 ohms ±10% D.C. RESISTANCE FL1-FL2 @20°C 0.125 ohms ±10% INDUCTANCE 3-4 10kHz, 100mVAC, Ls 700uH ±10% SATURATION CURRENT 20% rolloff from initial 1A LEAKAGE INDUCTANCE 1-2 100kHz, 100mVAC, Ls 5.0uH max. LEAKAGE INDUCTANCE 3-4 tie(FL1+FL2), 100kHz, 100mVAC, Ls 15.0uH max. DIELECTRIC 4-FL1 tie(2+3), 3750VAC, 1 second 3000VAC, 1 minute DIELECTRIC 1-4 625VAC, 1 second 500VAC, 1 minute TURNS RATIO (4-3):(1-2) 2.5:1, ±1%	PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE FL1-FL2 @20°C 0.125 ohms ±10% INDUCTANCE 3-4 10kHz, 100mVAC, Ls 700uH ±10% SATURATION CURRENT 20% rolloff from initial 1A LEAKAGE INDUCTANCE 1-2 tie(FL1+FL2), 100mVAC, Ls 5.0uH max. LEAKAGE INDUCTANCE 3-4 tie(FL1+FL2), 100mVAC, Ls 15.0uH max. DIELECTRIC 4-FL1 tie(2+3), 3750VAC, 1 second 3000VAC, 1 minute DIELECTRIC 1-4 625VAC, 1 second 500VAC, 1 minute TURNS RATIO (4-3):(1-2) 2.5:1, ±1%	D.C. RESISTANCE 3-4		@20°C	1.25 ohms ±10%
INDUCTANCE 3-4 10kHz, 100mVAC, Ls 700uH ±10% SATURATION CURRENT 20% rolloff from initial 1A LEAKAGE INDUCTANCE 1-2 tie(FL1+FL2), 100mVAC, Ls 5.0uH max. LEAKAGE INDUCTANCE 3-4 tie(FL1+FL2), 100mVAC, Ls 15.0uH max. DIELECTRIC 4-FL1 tie(2+3), 3750VAC, 1 second 3000VAC, 1 minute DIELECTRIC 1-4 625VAC, 1 second 500VAC, 1 minute TURNS RATIO (4-3):(1-2) 2.5:1, ±1%			@20°C	0.695 ohms ±10%
SATURATION CURRENT 20% rolloff from initial 1A LEAKAGE INDUCTANCE 1-2 tie(FL1+FL2), 100kHz, 100mVAC, Ls 5.0uH max. LEAKAGE INDUCTANCE 3-4 tie(FL1+FL2), 100mVAC, Ls 15.0uH max. DIELECTRIC 4-FL1 tie(2+3), 3750VAC, 1 second 3000VAC, 1 minute DIELECTRIC 1-4 625VAC, 1 second 500VAC, 1 minute TURNS RATIO (4-3):(1-2) 2.5:1, ±1%			@20°C	0.125 ohms ±10%
LEAKAGE INDUCTANCE 1-2 tie(FL1+FL2), 100mVAC, Ls 5.0uH max. LEAKAGE INDUCTANCE 3-4 tie(FL1+FL2), 100mVAC, Ls 15.0uH max. DIELECTRIC 4-FL1 tie(2+3), 3750VAC, 1 second 3000VAC, 1 minute DIELECTRIC 1-4 625VAC, 1 second 500VAC, 1 minute TURNS RATIO (4-3):(1-2) 2.5:1, ±1%	INDUCTANCE 3-4		10kHz, 100mVAC, Ls	700uH ±10%
LEAKAGE INDUCTANCE 1-2 100kHz, 100mVáC, Ls 5.0uH max. LEAKAGE INDUCTANCE 3-4 tie(FL1+FL2), 100kHz, 100mVáC, Ls 15.0uH max. DIELECTRIC 4-FL1 tie(2+3), 3750VáC, 1 second 3000VáC, 1 minute DIELECTRIC 1-4 625VáC, 1 second 500VáC, 1 minute TURNS RATIO (4-3):(1-2) 2.5:1, ±1%	LEAKAGE INDUCTANCE 1-2		20% rolloff from initial	1A
DIELECTRIC 4-FL1 tie(2+3), 3750VAC, 1 second 3000VAC, 1 minute DIELECTRIC 1-4 625VAC, 1 second 500VAC, 1 minute TURNS RATIO (4-3):(1-2) 2.5:1, ±1%				5.0uH max.
DIELECTRIC 1-4 625VAC, 1 second 500VAC, 1 minute TURNS RATIO (4-3):(1-2) 2.5:1, ±1%				15.0uH max.
TURNS RATIO (4-3):(1-2) 2.5:1, ±1%	DIELECTRIC 4-FL1		tie(2+3), 3750VAC, 1 second	3000VAC, 1 minute
	DIELECTRIC 1-4		625VAC, 1 second	500VAC, 1 minute
TURNS RATIO (4-3):(FL1-FL2) 3:1, ±1%	TURNS RATIO		(4-3):(1-2)	2.5:1, ±1%
	TURNS RATIO		(4-3):(FL1-FL2)	3:1, ±1%

GENERAL SPECIFICATIONS:

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

Cores must be secured to PCB to prevent damage to bobbin rail.

©Designed to comply with the following requirements as defined by IEC61347:

- Reinforced insulation for a primary circuit at a working voltage of 400VDC.

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

SEC 14V, 700mA

1,211	57112	Method: Tray
6C	11/20	PKG-0020
6B	1/13	www.we-online.com/midcom CONVENTION PLACEMENT
6A	12/12	SEE REVISION SHEET FOR REVISION LEVEL

REV. DATE Packaging Specifications

Tolerances unless otherwise specified:
Angles: $\pm 1^{\circ}$ Decimals: $\pm .005$ [.13]
Fractions: $\pm 1/64$ Footprint: $\pm .001$ [.03]

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

DRAWING TITLE

TRANSFORMER

eiSos p/n: **750313435**

PART NO.

750313435

SPECIFICATION SHEET 1 OF 1