





ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	3-1	@20°C	3.80 ohms ±10%
D.C. RESISTANCE	6-4	@20°C	0.380 ohms ±10%
D.C. RESISTANCE	13-14	@20°C	0.120 ohms ±10%
INDUCTANCE	3-1	70kHz, 100mVAC, Ls	1.78mH ±10%
LEAKAGE INDUCTANCE	3-1	tie(4+6, 13+14), 100kHz, 100mVAC, Ls	45uH max.
DIELECTRIC	3-13	tie(1+6), 4500VAC, 1 second	4500VAC, 1 minute
TURNS RATIO		(3-1):(6-4)	11.54:1, ±2%
TURNS RATIO		(3-1):(13-14)	5.17:1, ±2%
TURNS RATIO		(3-2):(2-1)	1:1, ±2%

GENERAL SPECIFICATIONS:

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

Designed to comply with the following requirements as defined by IEC61558-2-16: - 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.

DETAILS SUBJECT TO CHANGE

Ψ
CONVENTION PLACEMENT
REVISION LEVEL
CONVENTION

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

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

DRAWING TITLE

TRANSFORMER

eiSos p/n: 7508151501

PART NO.

7508151501

ROHS SPECIFICATION SHEET 1 OF 1



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