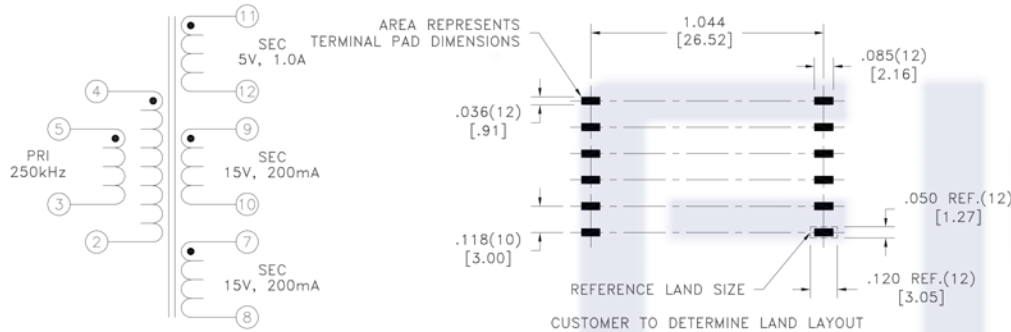
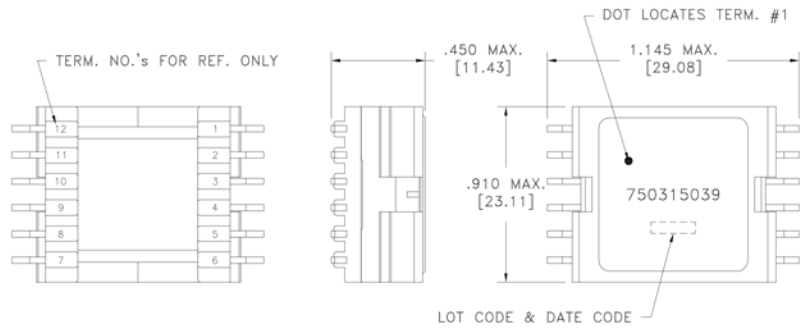


CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes



Application of the transformer requires terminals 4&5 and 3&2 be internally connected on the PCB.

Application of the transformer allows for the leadwires between terminals 2&3 and 4&5 to solder bridge. **6B**

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	4-2 tie(2+3, 4+5), @20°C	0.023 ohms ±20%
D.C. RESISTANCE	11-12 @20°C	0.034 ohms ±20%
D.C. RESISTANCE	9-10 @20°C	0.197 ohms ±10%
D.C. RESISTANCE	7-8 @20°C	0.197 ohms ±10%
INDUCTANCE	4-2 tie(2+3, 4+5), 10kHz, 100mVAC, Ls	40.0uH ±10%
SATURATION CURRENT	20% rolloff from initial	1.8A
LEAKAGE INDUCTANCE	4-2 tie(2+3, 4+5, 7+8+9+10+11+12), 100kHz, 100mVAC, Ls	0.30uH max.
DIELECTRIC	2-12 tie(8+10+12), 1875VAC, 1 second	1500VAC, 1 minute
TURNS RATIO	(7-8):(11-12)	2.86:1, ±1%
TURNS RATIO	(7-8):(9-10)	1:1, ±1%
TURNS RATIO	(7-8):(4-2), tie(2+3, 4+5)	2:1, ±1%

GENERAL SPECIFICATIONS:

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

Designed to comply with the following requirements as defined by IEC61558-2-16 and EN61558-2-16:

- Basic insulation for a primary circuit at a working voltage of 50Vpeak. (Operating frequency of <2MHz).

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

REV.	DATE	Packaging Specifications Method: Tape & Reel PKG-0868		Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 [.13] Footprint: ±.005 [.13]	DRAWING TITLE TRANSFORMER	PART NO. FKS750315039
6B	5/15			This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: FKS750315039	
6A	11/14					SPECIFICATION SHEET 1 OF 1