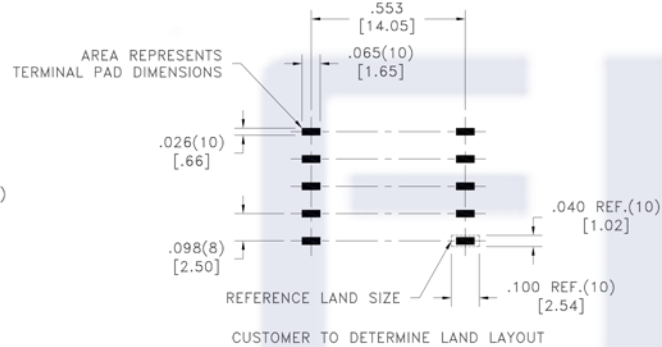
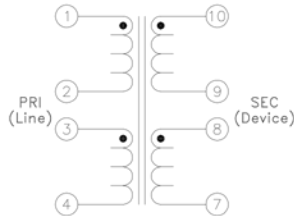
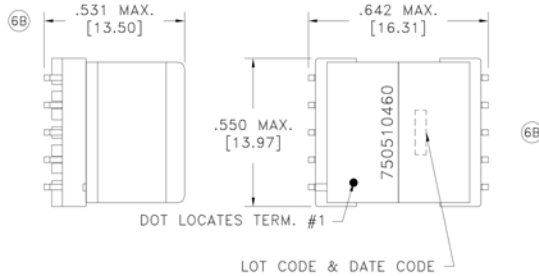
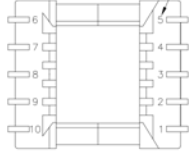


CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes



TERM. NO.'s FOR REF. ONLY



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-4 tie(2+3), @20°C	0.85 - 2.00 ohms
D.C. RESISTANCE	10-7 tie(8+9), @20°C	0.63 - 1.17 ohms
INDUCTANCE	1-4 tie(2+3), 10kHz, 100mVAC, Ls	270uH ±10%
LEAKAGE INDUCTANCE	1-4 tie(2+3, 7+8+9+10), 1MHz, 100mVAC, Ls	600 - 1080nH
INTERWINDING CAPACITANCE	1-10 tie(1+2+3+4, 7+8+9+10), 100kHz, 100mVAC, Cs	56 - 110pF
DIELECTRIC	1-10 tie(2+3, 8+9), 1875VAC, 1 second	1500VAC, 1 minute
DIELECTRIC	1-10 tie(2+3, 8+9), 4300VAC, 1 second	-
URNS RATIO	(1-4):(10-7), tie(2+3, 8+9)	2:1, ±1%
TOTAL HARMONIC DISTORTION	25kHz, 2Vp across PRI, 25 ohm load, 100 ohm input, tie(2+3, 8+9)	-88dB max.
TOTAL HARMONIC DISTORTION	25kHz, 5.5Vp across PRI, 25 ohm load, 100 ohm input, tie(2+3, 8+9)	-83dB max.
LONGITUDINAL CONVERSION LOSS ¹	12MHz	41dB min.
LONGITUDINAL CONVERSION LOSS ¹	30MHz	33dB min.

¹Per ITU G.993.2 requirements + 3dB.

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40°C to +85°C.

⑥B Designed to meet K.21, 6kV (10 x 700usec, 5± repetitions) surge test between PRI and SEC.

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.

DETAILS SUBJECT TO CHANGE

REV.	DATE	Packaging Specifications Method: Tape & Reel PKG-0739	CONVENTION PLACEMENT	Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 [.13] Footprint: ±.005 [.13]	DRAWING TITLE TRANSFORMER	PART NO. FKS750510460
6B	6/18			This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: FKS750510460	SPECIFICATION SHEET 1 OF 1
6A	11/13					