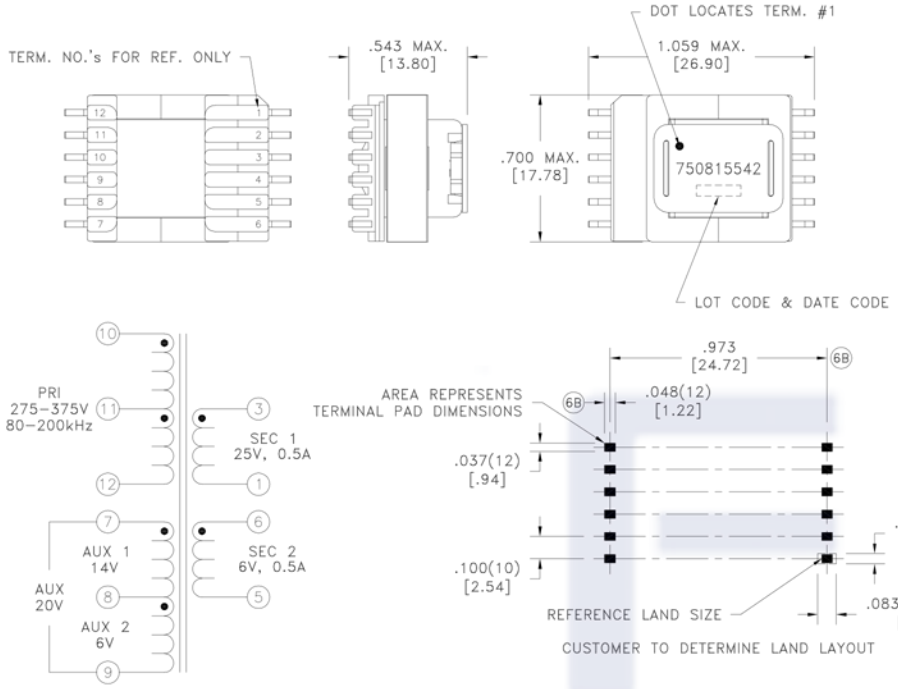
CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes

FKS Electronics



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	10-12	@20°C	10.67 ohms ±10%
D.C. RESISTANCE	7-8	@20°C	0.737 ohms ±10%
D.C. RESISTANCE	8-9	@20°C	0.336 ohms ±10%
D.C. RESISTANCE	3-1	@20°C	0.078 ohms ±20%
D.C. RESISTANCE	6-5	@20°C	0.027 ohms ±20%
INDUCTANCE	10-12	10kHz, 100mVAC, Ls	5.00mH ±10%
SATURATION CURRENT		20% rolloff from initial	390mA
LEAKAGE INDUCTANCE	10-12	tie(1+3+5+6, 7+8+9), 100kHz, 100mVAC, Ls	60.00uH typ., 100.00uH max.
DIELECTRIC	1-12	tie(3+5, 10+9), 3750VAC, 1 second	3000VAC, 1 minute
DIELECTRIC	7-12	625VAC, 1 second	500VAC, 1 minute
TURNS RATIO		(10-11):(11-12)	1:1, ±1%
TURNS RATIO		(10-12):(7-8)	23.25:1, ±1%
TURNS RATIO		(10-12):(8-9)	47.62:1, ±1%
TURNS RATIO		(10-12):(3-1)	13.51:1, ±1%
TURNS RATIO		(10-12):(6-5)	50:1, ±1%

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

Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:
- Reinforced insulation for a secondary circuit at a working voltage of 400VDC.

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

REV.	DATE
6B	12/11
6A	4/11

Packaging Specifications
Method: Tape & Reel
PKG-0799

CONVENTION PLACEMENT

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

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

DRAWING TITLE
TRANSFORMER

eiSos p/n: FKS750815542

compliant RoHS

PART NO.
FKS750815542

SPECIFICATION SHEET 1 OF 1