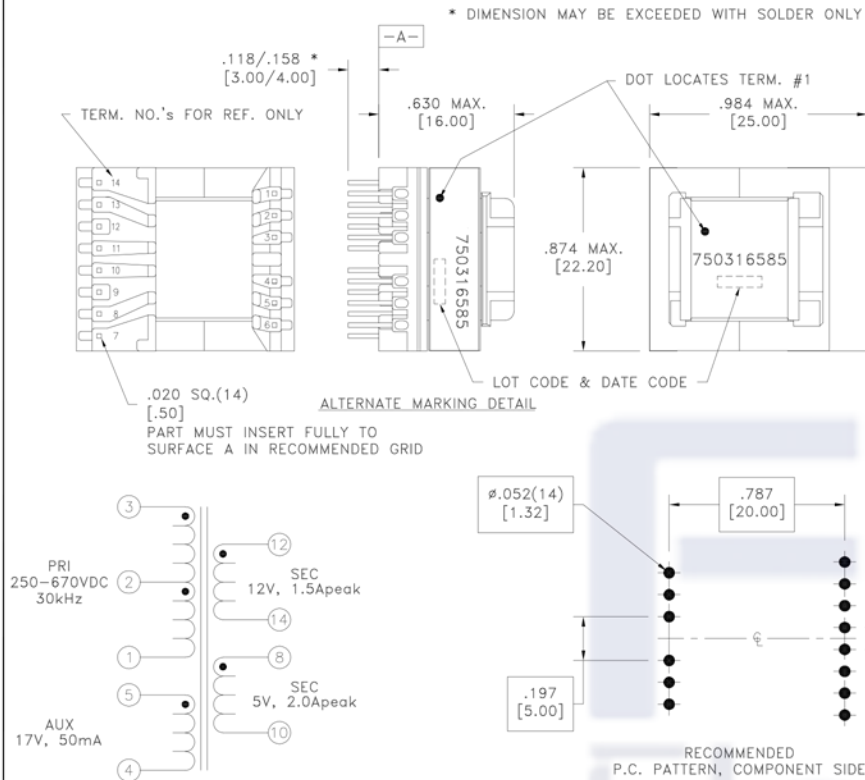


CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	3-1 @20°C	4.25 ohms ±10%
D.C. RESISTANCE	5-4 @20°C	1.90 ohms ±10%
D.C. RESISTANCE	12-14 @20°C	0.100 ohms ±10%
D.C. RESISTANCE	8-10 @20°C	0.037 ohms ±20%
INDUCTANCE	3-1 10kHz, 100mVAC, Ls	600uH ±10%
SATURATION CURRENT	3-1 20% rolloff from initial	2.75A
LEAKAGE INDUCTANCE	3-1 tie(8+10, 12+14), 100kHz, 100mVAC, Ls	30uH typ., 45uH max.
DIELECTRIC	1-14 tie(3+4, 10+12), 4000VAC, 1 second	4000VAC, 1 minute
DIELECTRIC	1-5 625VAC, 1 second	-
DIELECTRIC	8-14 1800VAC, 1 second	1800VAC, 1 minute
URNS RATIO	(3-2):(2-1)	1:1, ±1%
URNS RATIO	(3-1):(5-4)	3.88:1, ±1%
URNS RATIO	(3-1):(12-14)	5.33:1, ±1%
URNS RATIO	(3-1):(8-10)	11.64:1, ±1%

GENERAL SPECIFICATIONS:

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

Reinforced insulation for 6.4mm creepage and clearance distances.

Designed to meet 6kV (10 x 700uSec, 5± repetitions) surge test between (1+2+3+4+5) and (8+10+12+14).

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

REV.	DATE	Packaging Specifications	CONVENTION PLACEMENT	Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 Footprint: ±.001	DRAWING TITLE	PART NO.
		Method: Tray PKG-0736			TRANSFORMER	FKS750316585
6A	9/17			This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: FKS750316585	SPECIFICATION SHEET 1 OF 1

