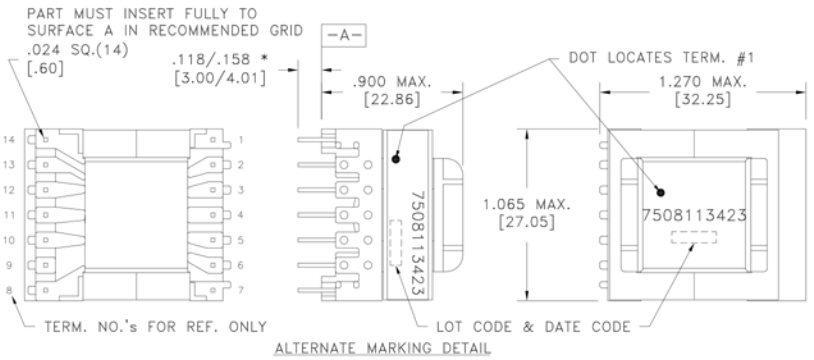
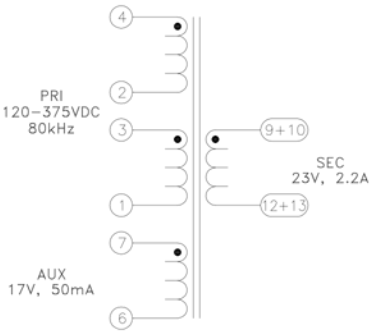
CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes

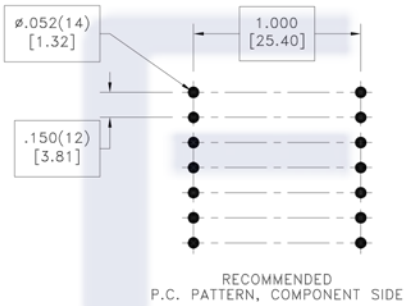
FKS Electronics

* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



ALTERNATE MARKING DETAIL





RECOMMENDED
P.C. PATTERN, COMPONENT SIDE

Customer to tie terminals 2+3, 9+10 and 12+13 on PC board.

Application of the transformer allows for the leadwires between terminals 2&3, 9&10 and 12&13 to solder bridge.

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	4-1	tie(2+3), @20°C	0.180 ohms ±10%
D.C. RESISTANCE	7-6	@20°C	0.075 ohms ±10%
D.C. RESISTANCE	9-12	tie(9+10, 12+13), @20°C	0.021 ohms ±30%
INDUCTANCE	4-1	tie(2+3), 10kHz, 100mVAC, Ls	150uH ±10%
SATURATION CURRENT	4-1	tie(2+3), 20% rolloff from initial	5.8A
LEAKAGE INDUCTANCE	4-1	tie(2+3, 9+10+12+13), 100kHz, 100mVAC, Ls	5uH typ., 10uH max.
DIELECTRIC	1-13	tie(3+4+6, 9+10), 3900VAC, 1 second	3900VAC, 1 minute
DIELECTRIC	1-7	tie(2+3), 625VAC, 1 second	-
TURNS RATIO		(4-2):(3-1)	1:1, ±1%
TURNS RATIO		(4-1):(7-6), tie(2+3)	4.67:1, ±1%
TURNS RATIO		(4-1):(9-12), tie(2+3, 9+10, 12+13)	3.5:1, ±1%

GENERAL SPECIFICATIONS:

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

Designed to comply with the following requirements as defined by IEC61558-2-6:
- Reinforced insulation for a primary circuit at a working voltage of 265Vrms, 400Vpeak (operating frequency of <2MHz).

Designed to comply with the following requirements as defined by IEC60335-1:
- Reinforced insulation for a primary circuit at a working voltage of 250Vrms, Overvoltage Category III.

Designed to meet 4kV (1.2 x 50usec, 3± repetitions) surge test between PRI and SEC.

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

REV.	DATE
6A	8/18

Packaging Specifications
Method: Tray
PKG-0737

CONVENTION PLACEMENT

Tolerances unless otherwise specified:
Angles: ±1° Decimals: ±.005 [.13]
Fractions: ±1/64 Footprint: ±.001 [.03]
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE
TRANSFORMER

eiSos p/n: FKS7508113423

compliant RoHS

PART NO.
FKS7508113423

SPECIFICATION SHEET 1 OF 1