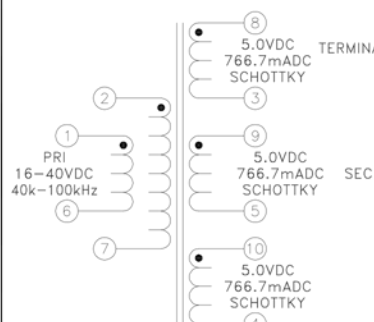
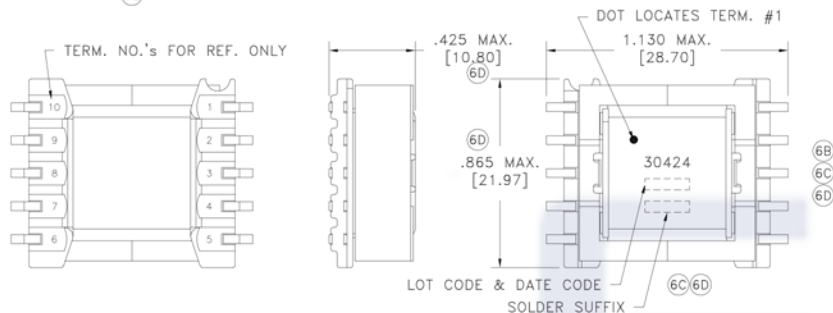
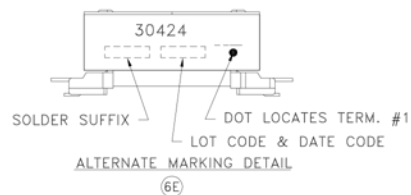
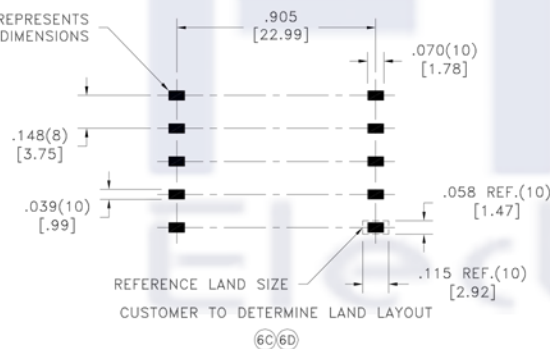


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF3	Sn100%	Yes	Yes



Customer to tie terminals 1+2 and 6+7 on PC board.

Application of the transformer allows for the leadwires between terminals 1&2 and 6&7 to solder bridge.



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	2-7	@20°C
D.C. RESISTANCE	8-3	@20°C
D.C. RESISTANCE	9-5	@20°C
D.C. RESISTANCE	10-4	@20°C
D.C. RESISTANCE	1-6	@20°C
INDUCTANCE	2-7	10kHz, 100mVAC, Ls
LEAKAGE INDUCTANCE	2-7	tie(9+5, 8+3, 7+6, 10+4, 1+2), 100kHz, 100mVAC, Ls
DIELECTRIC	PRI-SEC	625VAC, 1 second
URNS RATIO	(2-7):(8-3)	1.33:1, ±1%
URNS RATIO	(2-7):(9-5)	1.33:1, ±1%
URNS RATIO	(2-7):(10-4)	1.33:1, ±1%
URNS RATIO	(2-7):(1-6)	1:1, ±1%

GENERAL SPECIFICATIONS:

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

TRANSFORMER INFORMATION:

Pout max.:	11.5W
Pout min.:	6.96W
Estimated Temp. Rise @ Pout max.:	30.0°C
Estimated Efficiency:	74.9%
Estimated Maximum Duty Cycle:	33.9%

SWITCH SELECTION INFORMATION:

Input Voltage Range:	16-40V
Peak Current:	4.7A
Vsw @ Rated Output Voltages:	48 + (Vmax. - 40)
Operating Frequency:	40k-100kHz

Transformer will operate in Discontinuous Mode below Minimum Specified Output Voltage of Pout Min.
Pout min. varies with frequency of switcher (from 40 to 100kHz)
Pout Min = 696.0/(Frequency in kHz) Watts.

- 6E Wire insulation & RoHS status not affected by wire color.
6D Wire insulation color may vary depending on availability.

DETAILS SUBJECT TO CHANGE

REV.	DATE	Packaging Specifications	Tolerances unless otherwise specified:	DRAWING TITLE	PART NO.
6E	3/19	Method: Tape & Reel	Angles: ±1°	TRANSFORMER	FKS30424R-LF3
6D	2/12	PKG-0267	Decimals: ±.005 [.13]		
6C	11/06		Fractions: ±1/64		
6B	10/98		Footprint: ±.005 [.13]		
			This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: FKS750030424	SPECIFICATION SHEET 1 OF 1