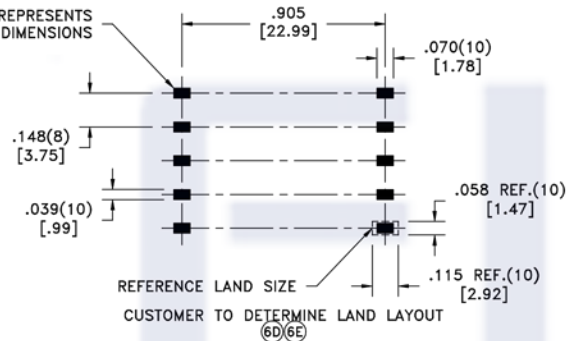
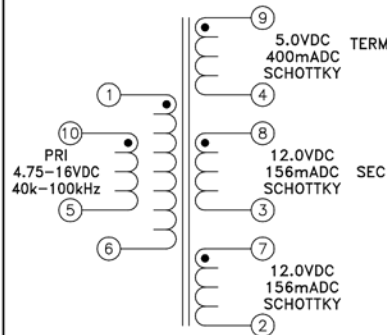
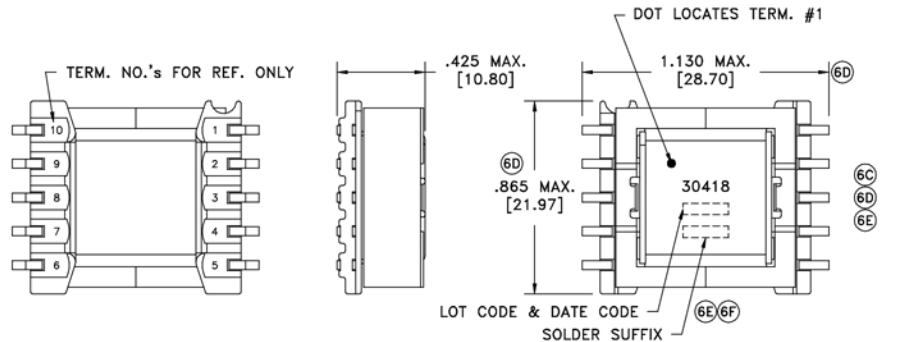


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	6F
LF3	Sn100%,	Yes	Yes	



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-6 @20°C	0.058 ohms max.
D.C. RESISTANCE	9-4 @20°C	0.063 ohms max.
D.C. RESISTANCE	8-3 @20°C	0.378 ohms max.
D.C. RESISTANCE	7-2 @20°C	0.378 ohms max.
D.C. RESISTANCE	10-5 @20°C	0.076 ohms max.
INDUCTANCE	1-6 10kHz, 100mVAC, Ls	26.8uH ±5%
LEAKAGE INDUCTANCE	1-6 tie(9+4, 8+3, 7+2, 10+6, 1+5), 100kHz, 100mVAC, Ls	1.0uH typ., 1.4uH max.
DIELECTRIC	PRI-SEC 625VAC, 1 second	500VAC, 1 minute
URNS RATIO	(1-6):(9-4)	1:1, ±1%.
URNS RATIO	(8-3):(1-6)	2.28:1, ±1%.
URNS RATIO	(7-2):(1-6)	2.28:1, ±1%.
URNS RATIO	(1-6):(10-5)	1:1, ±1%.

GENERAL SPECIFICATIONS:

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

TRANSFORMER INFORMATION:

Pout max.:	5.75W
Pout min.:	2.81W
Estimated Temp. Rise @ Pout max.:	22.1°C
Estimated Efficiency:	74.3%
Estimated Maximum Duty Cycle:	57.2%

SWITCH SELECTION INFORMATION

Input Voltage Range:	4.75-16V
Peak Current:	4.876A
Vsw @ Rated Output Voltages:	22 + (Vmax - 16)
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 40k to 100kHz).
Pout Min = 281.0/(Frequency in kHz) Watts.

DETAILS SUBJECT TO CHANGE

6C/6D

REV.	DATE	Packaging Specifications
6F	2/12	Method: Tape & Reel
6E	1/03	PKG-0267
6D	9/00	
6C	6/98	



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: FKS750030418



PART NO.

FKS30418R-LF3

6D/6F

SPECIFICATION SHEET 1 OF 1