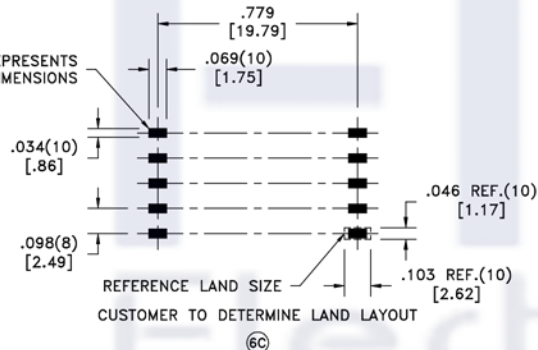
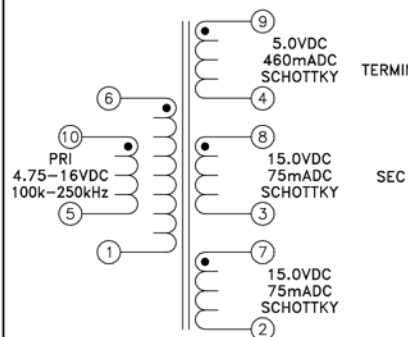
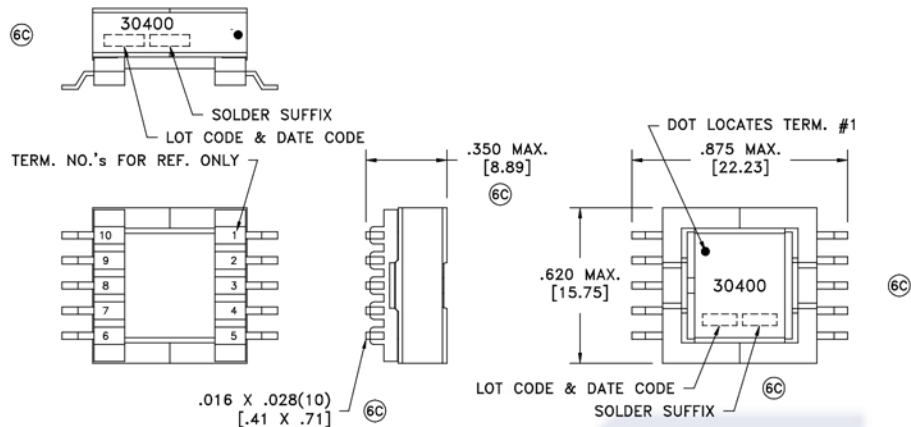


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF1	Sn96%, Ag4%	Yes	Yes



ALTERNATE MARKING DETAIL



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

D.C. RESISTANCE (@20°C):	6-1, 0.082 ohms max. 9-4, 0.096 ohms max. 8-3, 1.870 ohms max. 7-2, 1.960 ohms max. 10-5, 0.107 ohms max.
DIELECTRIC RATING:	500VAC, 1 minute tested by applying 625VAC for 1 second between PRI-SEC.
INDUCTANCE:	10.65uH ±5%, 10kHz, 100mVAC, 6-1, Ls.
LEAKAGE INDUCTANCE:	260nH typ., 100kHz, 100mVAC, 6-1(tie 9+4, 8+3, 7+2, 10+6, 1+5), Ls.
6C TURNS RATIO:	(9-4):(6-1) = 1:1, ±1%. (8-3):(6-1) = 3:1, ±1%. (7-2):(6-1) = 3:1, ±1%. (6-1):(10-5) = 1:1, ±1%.
6C OPERATING TEMPERATURE RANGE:	-40°C to +125°C including temp rise.

TRANSFORMER INFORMATION:

Pout max.:	4.55W
Pout min.:	2.48W
Estimated Temp. Rise @ Pout max.:	35.0°C
Estimated Efficiency:	72.9%
Estimated Maximum Duty Cycle:	54.7%

SWITCH SELECTION INFORMATION

Input Voltage Range:	4.75 - 16V
Peak Current:	3.8A
Vsw @ Rated Output Voltages:	26 + (Vmax - 16)
Operating Frequency:	100k - 250kHz

Transformer will operate in Discontinuous Mode below Minimum Specified Output Voltage of Pout Min.
Pout min. varies with frequency of switcher (from 100 to 250kHz) Pout Min = 248.0/(Frequency in kHz) Watts.

6C

DETAILS SUBJECT TO CHANGE

REV.	DATE	Packaging Specifications Method: Tape & Reel PKG-0222	Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 [.13] Footprint: ±.005 [.13]	DRAWING TITLE TRANSFORMER	PART NO. FKS30400R-LF1
6C	3/11				
6B	6/98				
6A	8/97				



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

eiSos p/n: FKS750030400



SPECIFICATION SHEET 1 OF 1

6C