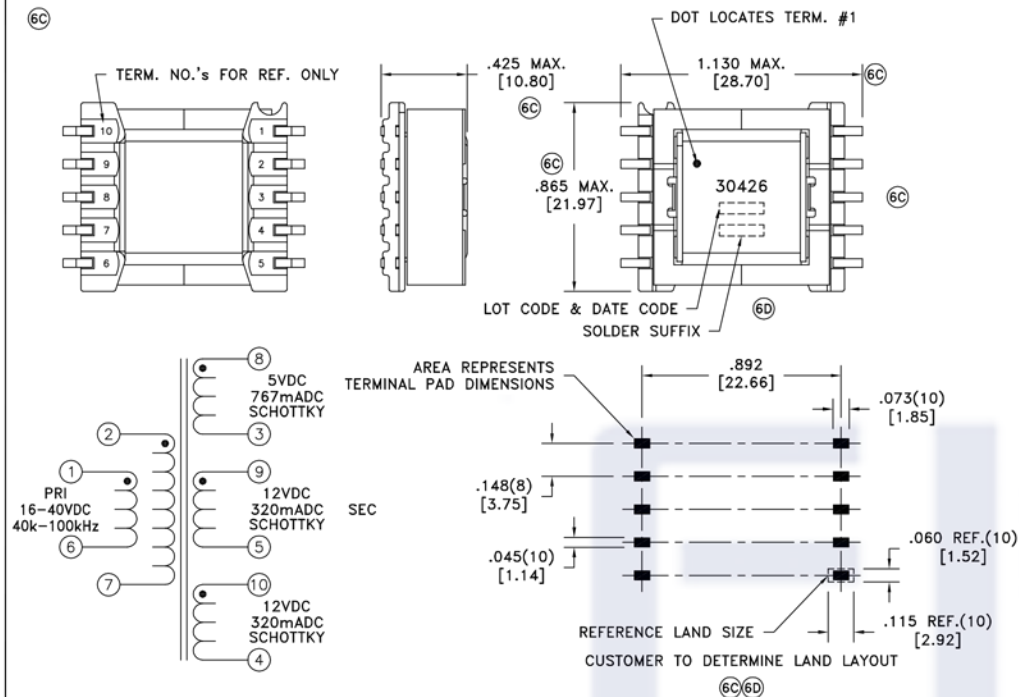


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF3	Sn100%	Yes	Yes

FKS
Electronics



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
6E D.C. RESISTANCE	2-7 @20°C	0.135 ohms max.
6E D.C. RESISTANCE	8-3 @20°C	0.078 ohms max.
6E D.C. RESISTANCE	9-5 @20°C	0.390 ohms max.
6E D.C. RESISTANCE	10-4 @20°C	0.405 ohms max.
6E D.C. RESISTANCE	1-6 @20°C	0.170 ohms max.
INDUCTANCE	2-7 10kHz, 100mVAC, Ls	39.2uH ±5%
LEAKAGE INDUCTANCE	2-7 tie(9+5, 8+3, 7+6, 10+4, 1+2), 10kHz, 100mVAC, Ls	390nH typ.
DIELECTRIC	PRI-SEC 625VAC, 1 second	500VAC, 1 minute
URNS RATIO	(2-7):(8-3)	1.33:1, ±1%
6DURNS RATIO	(9-5):(2-7)	1.71:1, ±1%
6DURNS RATIO	(10-4):(2-7)	1.71:1, ±1%
URNS RATIO	(2-7):(1-6)	1:1, ±1%

GENERAL SPECIFICATIONS:

6D OPERATING TEMPERATURE RANGE: -40°C to +125°C including temp rise.

TRANSFORMER INFORMATION:

Pout max.:	11.5W
Pout min.:	7.33W
Estimated Temp. Rise @ Pout max.:	27.8°C
Estimated Efficiency:	78.5%
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 = 733.0/(Frequency in kHz) Watts.

DETAILS SUBJECT TO CHANGE

REV.	DATE	Packaging Specifications
6E	3/13	Method: Tape & Reel
6D	2/12	PKG-0267
6C	12/00	
6B	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: FKS750030426



PART NO.

FKS30426R-LF3

SPECIFICATION SHEET 1 OF 1

6C 6D