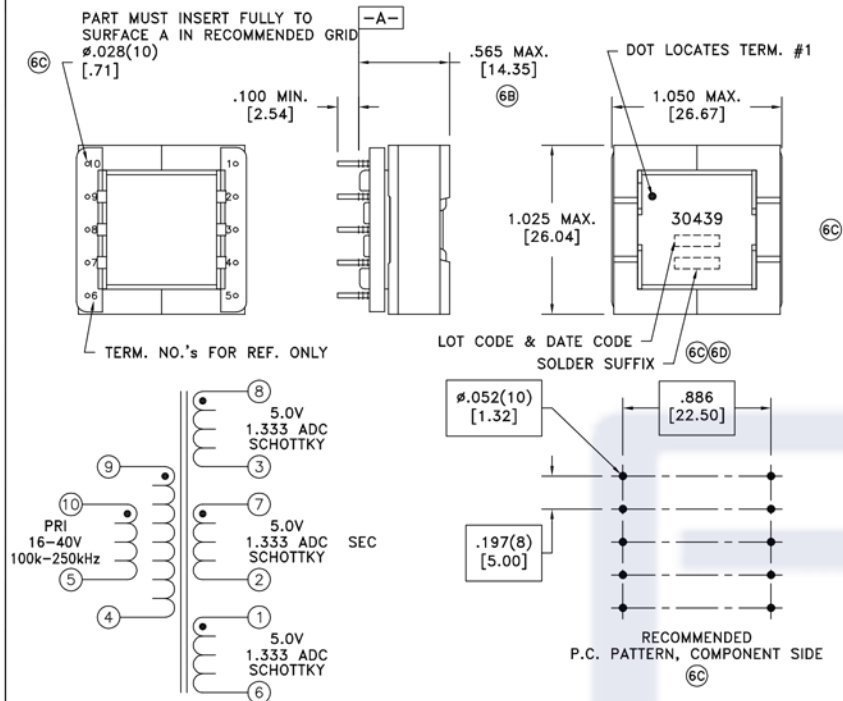


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF1	Sn96%, Ag4%	Yes	Yes



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	10-5	@20°C
D.C. RESISTANCE	1-6	@20°C
D.C. RESISTANCE	8-3	@20°C
D.C. RESISTANCE	7-2	@20°C
D.C. RESISTANCE	9-4	@20°C
INDUCTANCE	9-4	10kHz, 100mVAC, Ls
LEAKAGE INDUCTANCE	9-4	tie(8+3, 7+2, 1+6, 4+5, 10+9), 100kHz, 100mVAC, Ls
DIELECTRIC	PRI-SEC	625VAC, 1 second
URNS RATIO	(9-4):(10-5)	1:1, ±1%
URNS RATIO	(9-4):(1-6)	2.091:1, ±1%
URNS RATIO	(9-4):(7-2)	2.091:1, ±1%
URNS RATIO	(9-4):(8-3)	2.091:1, ±1%

GENERAL SPECIFICATIONS:

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

TRANSFORMER INFORMATION:

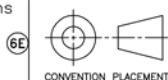
Pout max.:	20.00W
Pout min.:	5.76W
Estimated Temp. Rise @ Pout max.:	40.6°C
Estimated Efficiency:	70.3%
Estimated Maximum Duty Cycle:	44.8%

SWITCH SELECTION INFORMATION

Input Voltage Range:	16-40V
Peak Current:	4.95A
Vsw @ Rated Output Voltages:	52 + (Vmax - 40)
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 = 576.0/(Frequency in kHz) Watts.

REV.	DATE	Packaging Specifications	Tolerances unless otherwise specified:	DRAWING TITLE	PART NO.
6E	1/13	Method: Tray	Angles: ±1°	TRANSFORMER	FKS30439-LF1
6D	2/12	PKG-0819	Decimals: ±.005 [1.3]		
6C	7/04		Fractions: ±1/64		
6B	11/97		Footprint: ±.001 [1.3]		



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

eiSos p/n: FKS750030439



SPECIFICATION SHEET 1 OF 1