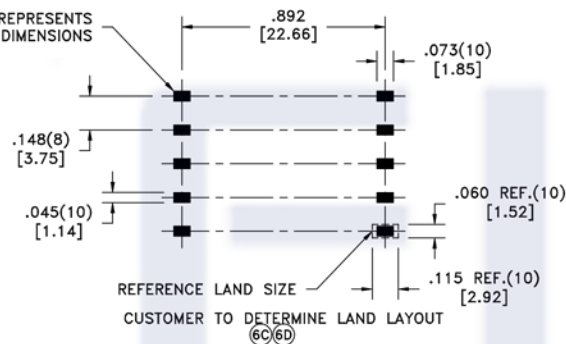
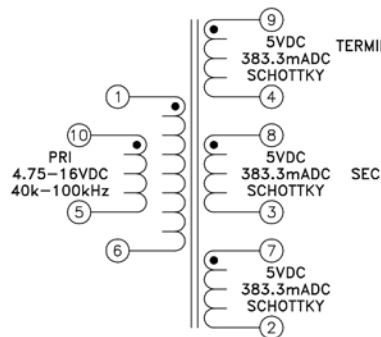
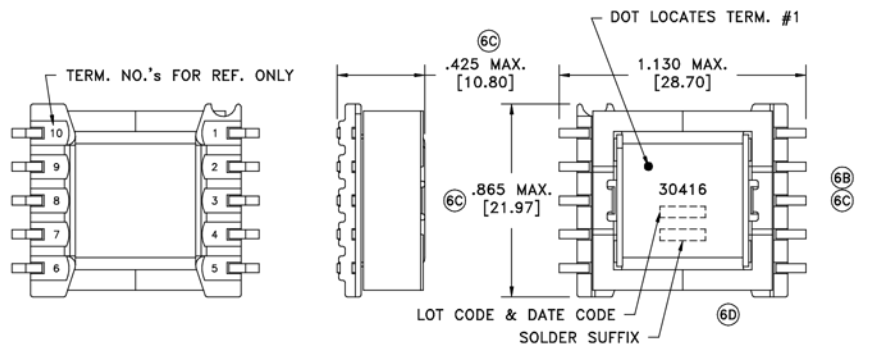


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE (6D)
LF3	Sn100%	Yes	Yes



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
(6E) D.C. RESISTANCE	1-6 @20°C	0.070 ohms max.
(6E) D.C. RESISTANCE	9-4 @20°C	0.073 ohms max.
(6E) D.C. RESISTANCE	8-3 @20°C	0.076 ohms max.
(6E) D.C. RESISTANCE	7-2 @20°C	0.079 ohms max.
(6E) D.C. RESISTANCE	10-5 @20°C	0.086 ohms max.
INDUCTANCE	1-6 10kHz, 100mVAC, Ls	26.8uH ±5%
(6E) LEAKAGE INDUCTANCE	1-6 tie(9+4, 8+3, 7+2, 10+1, 5+6), 100kHz, 100mVAC, Ls	245nH typ., 500nH max.
DIELECTRIC	PRI-SEC 625VAC, 1 second	500VAC, 1 minute
TURNS RATIO	(1-6):(9-4)	1:1, ±1%
TURNS RATIO	(1-6):(8-3)	1:1, ±1%
TURNS RATIO	(1-6):(7-2)	1:1, ±1%
TURNS RATIO	(1-6):(10-5)	1:1, ±1%



GENERAL SPECIFICATIONS:

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

TRANSFORMER INFORMATION:

Pout max.: 5.75W
Pout min.: 2.85W
Estimated Temp. Rise @ Pout max.: 26.5°C
Estimated Efficiency: 71.6%
Estimated Maximum Duty Cycle: 57.4%

SWITCH SELECTION INFORMATION

Input Voltage Range: 4.75-16V
Peak Current: 4.876A
Vsw @ Rated Output Voltages: 22 + (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 40 to 100kHz)
Pout Min = 285.0/(Frequency in kHz) Watts.

DETAILS SUBJECT TO CHANGE

(6B)(6C)

REV.	DATE	Packaging Specifications		Tolerances unless otherwise specified: Angles: ±1° Decimals: ±.005 [.13] Fractions: ±1/64 Footprint: ±.005 [.13]	DRAWING TITLE TRANSFORMER	PART NO. FKS30416R-LF3
6E	2/12	Method: Tape & Reel PKG-0267				
6D	2/12					
6C	12/00					
6B	6/98					

